

RESISTORS & CAPACITORS

CATALOG 5

COMPANY
CONFIDENTIAL

Tektronix®
COMMITTED TO EXCELLENCE

CATALOG

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PREFACE

COMPANY CONFIDENTIAL

The contents of this catalog are for the exclusive use of Tektronix Employees. Any unauthorized use is prohibited.

PURPOSE AND USE

This catalog is not intended to be a specification document by including all characteristics of the parts listed. It is a catalog with parts arranged in an order determined by the prime characteristic.

Parts not listed herein are either not to be used or are so new that their characteristics may yet be changed. We suggest you call the appropriate Component Engineer and/or check the component specification for complete details on any part before making a decision on its use. Specifications can be obtained from Reprographics, or viewed at any of the satellite aperture card locations.

FIELD CAUTION: No effort has been made to correlate the parts in this catalog with those parts which are available for replacement in the field. Some of the parts listed are not available for use as replacement parts. Ordering such parts will only slow your order and impede the general efficiency of the parts ordering process. All replacement parts are listed in the RPR (Replaceable Parts Record).

DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED

CORRECTIONS & SUGGESTIONS

Corrections or suggestions are encouraged at any time. Call 629-1860, 629-3029 or 629-3030 or mail to delivery station 92-325. Special forms for this purpose are also included at the back of the catalog.

HOW TO ORDER CATALOGS

Special forms for this purpose are included at the back of this catalog, or you may call 629-3029 Parts Cataloging, 92-325. We will need your name, payroll code, responsibility-cost center, phone number, and delivery station.

CATALOG DISTRIBUTION IS NOT AUTOMATIC We have special routing lists to announce new catalogs. A response to those notices is necessary each time to receive the next edition of a catalog. Call 629-3029 to have your name added to the mailing list.

SEND OUTDATED CATALOGS TO SALVAGE.

EIGHT CATALOG INDEX

This is a composite index of the items included in the eight catalogs. It is in alphabetical order, giving the catalog and section number in which the items are listed.

Cat	Sec	Type of Parts (Alpha List)	Cat	Sec	Type of Parts (Alpha List)	Cat	Sec	Type of Parts (Alpha List)
3	4	Adhesives	3	12	Flux	2	12	Plates (Identification and Instruction)
4	9	Air Filters	4	2	Forms (Coil & Transformer)	2	3	Posts (Threaded Spacers)
3	6	Aluminum (Extrusion)	8	5	Four Layer Diodes	4	2	Pot Cores
3	7	Aluminum (Bar, Wire, Flat, Tube)	4	8	Fuses, Fuseholders and Clips	5	6 - 8	Potentiometers (Variable Resistor)
2	15	Angle Brackets	2	10	Gaskets (RFI)	6	12	Power Supplies
Supp		Application Notes	3	4	Gasses	6	9	Power Supply Cable Assemblies
8	1 & 5	Arrays	2	11	Gears	8	1	Power Transistors
8	5	Back Diodes	8	13	Glow Lamps	2	2 & 3	Press Mount Hardware
4	8	Batteries	2	5	Grommets	Supp		Product Safety
2	11	Bearings (Sleeve)	2	14	Guides (Pin, Ckt Bd & Instr. Cab)	8	3	Programmable Thyristors
2	11	Belts (Drive)	2	13	Handles	2	11	Pulleys
3	9 & 12	Beryllium Materials	8	9 & 10	Heat Sinks	2	7	Push Buttons
4	10	Binding Posts	2	14	Hinges	8	7	Rectifier Diodes
2	15	Brackets, Angle	2	9	Holders	4	3	Relays
2	10	Brackets, Component Mounting	4	8	Holders (Battery)	Supp	0	Reliability Notes
3	8	Brass Material	4	9	Impellers (Air Fan)	5	1 - 5	Resistors, Fixed
2	13	Bumpers	8	13	Incandescent Lamps	5	6 - 8	Resistors, Variable
2	5	Bushings	8	13	Indicator Lights	2	8	Retaining Rings
2	9	Button Plugs	4	2	Inductors	4	1	RFI Filters
2	14	Cabinets (Fasteners)	3	5	Ink (Marking)	2	8	Rivets
2	13	Cabinets (Instrument)	2	7	Inserts (Knob)	8	7	Schottky Diodes
6	8	Cables (Assembly & Interconnection)	2	2	Inserts (Threaded)	8	3	SCR Thyristors
6	6 & 7	Cables (RF, Special Purpose, Flat)	2	13	Instrument Cabinets	2	1	Screws
6	11	Cable Nipples	3	2 - 4	Insulating Materials (Bulk)	8	3	Selected & Matched Transistors
5	9 - 14	Capacitors, Fixed	6	10	Insulation Sleeve	2	6	Shafts
5	15	Capacitors, Variable	2	3	Insulator Posts	2	10	Shielding, Gasket
8	13	Cartridge Lamps	8	11	Insulators	2	9	Shock Mounts
2	13	Casters	1	1 - 20	Integrated Circuits (Microcircuits)	8	5	Shockly (Diodes)
2	14	Catches	4	13	Interconnection Systems (Ckt Bd)	8	7	Signal Diodes
3	4	Ceramic Molding Materials	4	10	Jacks (Telephone & Tip)	2	11	Sleeve Bearings
3	3	Ceramic Substrates	2	7	Knobs & Knob Subparts	2	14	Slides (Ckt Board & Instr. Cabinet)
2	11	Chains (Drive)	2	6	Knobs With Shafts	8	1	Small Signal Transistors
Supp		Chemical Elements & Symbols Table	2	7	Knob Design Data	8	5	Snap-Off Diodes
2	14	Circuit Board Ejectors	3	5	Lacquer	4	10	Sockets (Electrical Components)
4	13	Circuit Board Interconnect Systems	8	13	Lamps (Incand, Glow, Indicator)	3	12	Solder
3	3	Circuit Board Materials	8	13	Lampholders	4	3	Solenoids
2	2	Circuit Board Supports	8	7	Laser Diodes	3	5	Solvents
4	6	Circuit Breakers	2	14	Latches (Door, etc.)	2	3	Spacers (Threaded & Unthreaded)
2	9	Clamps	6	1	Leads (Formed)	4	8	Spark Gaps
2	9	Clips	8	12	LED's (Light Emitting Diodes)	1	7	Special Function (Digital & Linear) IC's
3	5	Coatings (Insulative, Resistive, Paints, Conductive & Precious Metal)	8	13	Lens (Indicator)	2	8	Springs (Helical)
4	2	Coils	1	8	Linear Integrated Circuits	2	11	Sprockets
3	1	Conductive Elastomers	2	14	Locks (Door, etc.)	3	15	Stainless Steel Material
4	10 - 13	Connectors (Ckt Board, Coax, Power, D Series, Flat Cable)	Supp		Logo List	2	3	Standoffs
4	13	Contacts	3	5	Lubricants	3	14	Steel Material
3	11 & 12	Copper & Misc. Copper Alloys	4	10	Lug Terminals (Solder and Solderless)	2	5	Strain Relief Bushings
3	9	Copper-Beryllium	3	13	Magnetic Shielding Material	2	9	Straps
4	2	Cores (For Coils & Transformers)	4	15	Markers, Identification	2	1	Studs (Threaded, Weld, Pressmount, etc.)
1	3	CMOS Integrated Circuits	1	2	Memory Selection Guide IC's	8	15	Surface Mount Diodes
2	6	Couplings, Shaft	1	1 - 20	Microcircuits	1	11 - 20	Surface Mount Integrated Circuits
4	1	Crystal Oscillators	1	21	Microcircuit Cover Lids	8	14	Surface Mount Transistors
4	1	Crystal Units & Holders	1	1	Microprocessors	4	3 - 7	Switches (Lever, Slide, Push, Toggle, Reed, Thermo, Rocker, Rotary, Power, Logic, Thumbwheel, etc.)
8	6	Current Limiting Diodes	2	12	Modular Packaging System	8	7	Switching Diodes
2	13	Cushioning Pads	1	5	MOS Integrated Circuits	3	4	Tape
4	3	Delay Lines, DIP, SIP & Bulk	1	1	Multifunction Integrated Circuits	1	21	Tek-made Integrated Circuits
2	7	Dials (Knob & Turns Counting)	8	13	Neon Lamps	Supp		Tek Part Number System
8	5 - 8	Diodes	3	12	Nickel Material (Bulk)	4	10	Terminals (Block, Grounding, Studs, Quick Disc, Feedthru)
4	10	Discrete Component Carriers	2	2	Nuts and Nut Blocks	2	1	Thumbscrews
Supp		EIA Date Code	1	8	Op Amps	1	6	TTL Integrated Circuits
1	4	ECL Integrated Circuits	8	12	Optoelectronic Devices	4	2	Transformers
Supp		Environmental and Reliability Notes	8	12	Optoisolators	8	1 - 4	Transistors
All	Preface	Evaluation Engineer	2	5	"O" Rings	8	3	Triac Thyristors
3	3	Epoxy Preforms	4	1	Oscillators (Crystal)	8	5	Tunnel Diodes
2	8	Eyelets	2	13	Pads (Cushioning)	8	3	Unijunction Thyristors
4	9	Fans and Impellers (Air)	3	5	Paint & Paint Additives	5	6 - 8	Variable Resistors
2	14	Fasteners	3	10	Phosphor Bronze Material	3	5	Varnish
2	13	Feet (Cabinet)	8	12	Photoconductors	8	7	Voltage Multipliers (Diodes)
3	2	Felt Materials	8	12	Phototransistors	4	8	Voltage Selectors (Fuse)
2	3	Ferrules	2	14	Pins (Guide)	2	4	Washers (Flat, Lock, Spring Shoulder)
8	2	FET's	2	8	Pins (Spring and Retaining)	6	1 - 4	Wire (Electrical)
4	1	Filters (RFI)	3	1	Plastic Materials (Bulk Molding)	8	6	Zener Diodes
1	2	Flexible Disks	3	2	Plastics (Shapes and Sheets)			
2	13	Flipstands (Cabinet)						

EVALUATION ENGINEER RESPONSIBILITY

INSTRUMENTS GROUP (IG)

Accessories Division

Elizabeth Doolittle	253-5418	C1-735
Nghi Nguyen	253-5082	C1-735

Murdock Park Division (Passive & Electro-Mechanical only)

Walt Kirkbride	253-5172	C1-342
Jim Hookie	253-5582	C1-416

Portable Instruments Division (PID)

Ron Roberts, Mgr.	253-5253	C1-342
Dan Decker	253-5223	C1-342
Al Lavalle	253-5870	C1-342
Jeff Thompson	253-5872	C1-342

SYSTEMS GROUP

Logic Analyzer (LA) Divisions & Microprocessor Development Products (MDP)

Steve Fierro	629-3032	92-323
Wilton Hart	629-3036	92-323

Semiconductor Test Systems (STS) Division

Bill Pederson, Mgr.	629-1276	94-442
Jose Montoya	629-3041	94-442

COMPONENT ENGINEERING GROUP^a

Jerry Willard, Mgr.	627-2539	19-680	Analog: Small Signal Field-effect Transistors, Analog Switch ICs
Curt Bernal	627-6103	19-680	Analog: Diodes, High Voltage Multipliers, Opto Emitters/Detectors, Discrete GaAs, Fiber Optics
Steve Dimbat	627-2134	19-680	Passive/E.M.: Transformers/Inductors, Power Supplies, Line Filters, Relays, Fans, Resistors, Fuses
Abe Ghahyasi	627-2567	19-680	Digital: DRAMs, AC/ACT Logic
John Higley	627-6112	19-680	Digital: Programmable Logic, EPROMs, SRAMs, ROMs
Gary Johnson	627-1985	19-680	Digital: A/D Converters, Sample/Hold, DSP ICs, Digital ASIC
	627-2566	19-680	Digital: Microprocessors/Peripherals, Special Purpose VLSI and GaAs ICs
Neill Martin	627-2311	19-680	Passive/E.M.: Capacitors, Potentiometers, Switches, Batteries, Hardware
Jim Williamson	627-2552	19-680	Analog: Op-amps, Linear ICs, DACs, ECL, Transistors (all except S.S. FET's and GaAs), Opto Couplers, Voltage Regulators, and Controllers, Thyristors, Heat Sinks/Insulators
John Young	627-2165	19-680	Passive/E.M.: Interconnecting Cables, Power Cords, Connectors, Sockets, Crystals/Filters

PLASTICS ENGINEERING

Bert Hippe	627-2378	50-132	Plastic Molding Material
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^a Subscribing Divisions:

	SEMI'S	PASSIVES/E.M.
TV	X	X
MRI	X	X
CNA	X	X
LID	X	X
ITD	X	X
GPID	X	X
MSD	X	X
DDO	X	X
PID	X	
PTID	X	
MPD	X	
MAP	X	
HCO	X	

SECTION 1

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CROSS REFERENCE INDEX	SECTION 5

In the Resistor & Capacitor Section of the Supplement Catalog 7, you will find the following information:

Resistors, Fixed - Application Notes

Caron

Color Code

EIA Standard Resistance Values

Rating/Stability Nomograph

Nomograph Used to Determine Resistor's Stability

Effects of Moisture on Resistors

Precision Resistors Performance

Resistor Voltage Ratings

Resistor Design Tolerance

CATALOG WRITER: CAROLE JACK, 629-3029

CARBON (FILM AND COMPOSITION)**.125 W 5% 317-XXXX-XX****BEWARE**

These components may not operate within specified nominal tolerance limits, because of the effects of moisture. Refer to Resistors & Capacitors Section of the Supplement Catalog 7 under Effects of Moisture on Resistors.

Resistance Ω	Other	Part Number	MI ^a	Codes ^b		
				ND	Cost	ST
2.7	Allen-Bradley Only	317-0027-00 ^c			.113	CR
3.6	Allen-Bradley Only	317-0036-00			.153	CR
4.7	Allen-Bradley Only	317-0047-00			.117	CR
5.6	Allen-Bradley Only	317-0056-00			.149	CR
8.2	Allen-Bradley Only	317-0082-00			.149	CR
10.		317-0100-00			.125	CR
10.		317-0100-02	Y	U		NP
10.	Allen-Bradley Only	317-0100-03			.111	CR
11.		317-0110-00			.017	PP
12.		317-0120-00			.125	CR
13.		317-0130-00		U	.153	PP
15.		317-0150-00			.117	CR
16.	Allen-Bradley Only	317-0160-00			.117	CR
16.	Carbon Composition Only	317-0160-01				OB
18.		317-0180-00			.124	CR
20.		317-0200-00			.125	CR
20.	Allen-Bradley Only	317-0200-02			.111	CR
22.		317-0220-00			.117	CR
22.	Allen-Bradley Only	317-0220-02				OB
24.		317-0240-00			.117	CR
27.		317-0270-00			.125	CR
27.	Allen-Bradley Only	317-0270-02			.117	CR
30.		317-0300-00			.117	CR
30.	Allen-Bradley Only	317-0300-02			.111	CR
33.		317-0330-00			.125	CR
36.		317-0360-00			.117	CR
36.	Allen-Bradley Only	317-0360-02	Y			DL
39.		317-0390-00		U	.117	CR
43.		317-0430-00			.117	CR
43.	Allen-Bradley Only	317-0430-02			.111	CR
47.		317-0470-00			.118	CR
47.	Allen-Bradley Only	317-0470-02				DL
51.		317-0510-00			.117	CR
51.	Allen-Bradley Only	317-0510-03			.111	CR
56.		317-0560-00			.125	CR
56.	Allen-Bradley Only	317-0560-03				DL
62.		317-0620-00		U	.117	CR
62.	Allen-Bradley Only	317-0620-02			.117	CR
68.		317-0680-00			.124	CR
68.		317-0680-02				OB
75.		317-0750-00			.118	CR
75.	Card Pack Only	317-0750-02			.111	CR
82.	Allen-Bradley Only	317-0820-00			.124	CR
91.		317-0910-00			.117	CR
91.	Allen-Bradley Only	317-0910-02				DL

Note: Not all values are available at Tektronix, but have pre-assigned numbers and should be treated as a new part. Check for status as listed above in tables, or in screening report.

^a Machine insertable.

^b The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

^c Safety controlled.

CARBON (FILM AND COMPOSITION) (cont)

.125 W 5% 317-XXXX-XX (cont)

BEWARE

These components may not operate within specified nominal tolerance limits, because of the effects of moisture. Refer to Resistors & Capacitors Section of the Supplement Catalog 7 under Effects of Moisture on Resistors.

Resistance Ω	Other	Part Number	MI ^a	Codes ^b		
				ND	Cost	ST
100.	Allen-Bradley Only/Card Pack Only	317-0101-00	Y	U	.122	CR
100.		317-0101-03			.111	CR
110.		317-0111-00			.125	CR
120.	Allen-Bradley Only	317-0121-00			.111	CR
130.		317-0131-00			.119	CR
150.	Allen-Bradley Only	317-0151-00			.117	CR
150.	Allen-Bradley Only	317-0151-02			.125	CR
150.		317-0151-03				NP
160.		317-0161-00			.142	CR
180.		317-0181-00			.116	CR
200.		317-0201-00			.122	CR
200.	Allen-Bradley Only	317-0201-02			.117	CR
200.		317-0201-03			1.318	CR
220.	Allen-Bradley Only	317-0221-00			.113	CR
240.		317-0241-00			.118	CR
270.		317-0271-00			.117	CR
300.		317-0301-00			.122	CR
330.	Allen-Bradley Only	317-0331-00			.113	CR
360.		317-0361-00			.124	CR
390.	Allen-Bradley Only	317-0391-00			.125	CR
430.	Allen-Bradley Only	317-0431-00			.113	CR
430.	Allen-Bradley Only	317-0431-02				OB
470.		317-0471-00			.124	CR
470.	Allen-Bradley Only	317-0471-02				DL
510.		317-0511-00			.113	CR
560.		317-0561-00			.117	CR
620.	Allen-Bradley Only	317-0621-00			.119	CR
680.		317-0681-00			.117	CR
750.		317-0751-00			.113	CR
820.		317-0821-00			.117	CR
910.		317-0911-00			.117	CR
1. k		317-0102-00			.117	CR
1.1 k		317-0112-00			.117	CR
1.2 k		317-0122-00			.125	CR
1.3 k	Allen-Bradley Only	317-0132-00			.117	CR
1.5 k		317-0152-00			.108	CR
1.6 k	Allen-Bradley Only	317-0162-00			.117	CR
1.8 k	Allen-Bradley Only	317-0182-00			.117	CR
2. k		317-0202-00			.117	CR
2.2 k	Allen-Bradley Only	317-0222-00			.124	CR
2.4 k	Allen-Bradley Only	317-0242-00			.118	CR
2.7 k	Allen-Bradley Only	317-0272-00			.111	CR
3. k	Allen-Bradley Only	317-0302-00		U	.117	CR
3.3 k		317-0332-00			.124	CR
3.6 k		317-0362-00			.117	CR

Note: Not all values are available at Tektronix, but have pre-assigned numbers and should be treated as a new part. Check for status as listed above in tables, or in screening report.

^a Machine insertable.

^b The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

CARBON (FILM AND COMPOSITION) (cont)

.125 W 5% 317-XXXX-XX (cont)

BEWARE

These components may not operate within specified nominal tolerance limits, because of the effects of moisture. Refer to Resistors & Capacitors Section of the Supplement Catalog 7 under Effects of Moisture on Resistors.

Resistance Ω	Other	Part Number	MI ^a	Codes ^b		
				ND	Cost	ST
3.9 k	Allen-Bradley Only	317-0392-00	Y	U	.117	CR
4.3 k		317-0432-00			.117	CR
4.7 k		317-0472-00			.118	CR
4.7 k		317-0472-02				NP
5.1 k		317-0512-00			.125	CR
5.6 k	Allen-Bradley Only	317-0562-00			.111	CR
6.2 k	Allen-Bradley Only	317-0622-00			.117	CR
6.8 k		317-0682-00			.117	CR
7.5 k		317-0752-00			.118	CR
8.2 k	Allen-Bradley Only	317-0822-00			.113	CR
9.1 k		317-0912-00			.118	CR
10. k		317-0103-00			.125	CR
11. k	Allen-Bradley Only	317-0113-00			.125	CR
12. k	Allen-Bradley Only	317-0123-00			.116	CR
13. k	Allen-Bradley Only	317-0133-00			.125	CR
15. k	Allen-Bradley Only	317-0153-00			.118	CR
16. k	Allen-Bradley Only	317-0163-00			.111	CR
18. k	Allen-Bradley Only	317-0183-00			.117	CR
20. k	Allen-Bradley Only	317-0203-00			.118	CR
22. k	Allen-Bradley Only	317-0223-00			.117	CR
24. k	Allen-Bradley Only	317-0243-00			.116	CR
27. k	Allen-Bradley Only	317-0273-00			.117	CR
30. k	Allen-Bradley Only	317-0303-00			.125	CR
33. k		317-0333-00			.117	CS
36. k	Allen-Bradley Only	317-0363-00			.117	CR
39. k		317-0393-00			.117	CR
43. k	Allen-Bradley Only	317-0433-00			.120	CS
47. k	Allen-Bradley Only	317-0473-00			.117	CR
47. k		317-0473-02				NP
51. k	Allen-Bradley Only	317-0513-00			.113	CR
56. k	Allen-Bradley Only	317-0563-00			.113	CR
62. k	Allen-Bradley Only	317-0623-00			.119	CR
68. k	Allen-Bradley Only	317-0683-00			.034	CR
75. k	Allen-Bradley Only	317-0753-00			.116	CR
82. k	Allen-Bradley Only	317-0823-00			.117	CR
91. k	Allen-Bradley Only	317-0913-00			.117	CR
100. k	Allen-Bradley Only	317-0104-00			.124	CR
110. k		317-0114-00				DL
120. k	Allen-Bradley Only	317-0124-00			.117	CR
130. k		317-0134-00			.113	CR
150. k	Allen-Bradley Only	317-0154-00		U	.113	CR
160. k	Allen-Bradley Only/Card Pack Only	317-0164-00			.092	CR
180. k	Allen-Bradley Only/Card Pack Only	317-0184-00			.113	CR
200. k	Allen-Bradley Only/Card Pack Only	317-0204-00			.117	CR
220. k	Allen-Bradley Only	317-0224-00			.117	CR

Note: Not all values are available at Tektronix, but have pre-assigned numbers and should be treated as a new part.
Check for status as listed above in tables, or in screening report.

^a Machine insertable.

^b The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

CARBON (FILM AND COMPOSITION) (cont)**.125 W 5% 317-XXXX-XX (cont)****BEWARE**

These components may not operate within specified nominal tolerance limits, because of the effects of moisture. Refer to Resistors & Capacitors Section of the Supplement Catalog 7 under Effects of Moisture on Resistors.

Resistance Ω	Other	Part Number	Codes ^a		
			ND	Cost	ST
240. k	Allen-Bradley Only	317-0244-00	U	.117	CR
270. k	Allen-Bradley Only	317-0274-00		.117	CR
300. k	Allen-Bradley Only	317-0304-00		.180	CR
360. k	Allen-Bradley Only/Card Pack Only	317-0364-00		.113	CR
390. k	Allen-Bradley Only/Card Pack Only	317-0394-00		.117	CR
430. k	Allen-Bradley Only	317-0434-00		.117	CR
470. k	Allen-Bradley Only	317-0474-00		.117	CR
510. k	Allen-Bradley Only	317-0514-00		.117	CR
560. k	Allen-Bradley Only	317-0564-00		.118	CR
680. k		317-0684-00		.071	CS
820. k	Carbon Composition Only	317-0824-00		.117	CR
1. M	Allen-Bradley Only	317-0105-00		.117	CR
1.2 M		317-0125-00		.117	CS
2. M	Allen-Bradley Only	317-0205-00		.117	CR
3.3 M	Allen-Bradley Only	317-0335-00		.117	CS
6.8 M		317-0685-00			OB
10. M	Allen-Bradley Only	317-0106-00		.116	CR
100. M	Allen-Bradley Only	317-0107-00		.235	CR

Note: Not all values are available at Tektronix, but have pre-assigned numbers and should be treated as a new part. Check for status as listed above in tables, or in screening report.

^a The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

CARBON (FILM AND COMPOSITION) (cont)**.200 W 1% 313-XXXX-XX****BEWARE**

These components may not operate within specified nominal tolerance limits, because of the effects of moisture. Refer to Resistors & Capacitors Section of the Supplement Catalog 7 under Effects of Moisture on Resistors.

Resistance Ω	Other	Part Number	Codes ^a		
			ND	Cost	ST
13. k	Small Body	313-1133-00		.020	CR

Note: Not all values are available at Tektronix, but have pre-assigned numbers and should be treated as a new part. Check for status as listed above in tables, or in screening report.

^a The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

CARBON (FILM AND COMPOSITION) (cont)

.200 W 5% 313-XXXX-XX

Resistance Ω	Other	Part Number	MI ^a	Codes ^b		
				ND	Cost	ST
1.5	Taped & Reeled	313-1015-00	Y			DL
2.7	Taped & Reeled	313-1027-00	Y		.250	CR
5.1	Taped & Reeled	313-1051-00	Y		.100	CR
6.8	Taped & Reeled	313-1068-00	Y			DL
10.	Taped & Reeled	313-1100-00	Y		.017	CR
12.	Taped & Reeled	313-1120-00	Y		.017	CR
18.	Taped & Reeled	313-1180-00	Y		.019	CR
20.	Taped & Reeled	313-1200-00	Y		.017	CR
22.	Taped & Reeled	313-1220-00	Y		.017	CR
24.	Taped & Reeled	313-1240-00	Y		.017	CR
27.	Taped & Reeled	313-1270-00	Y		.017	CR
30.	Taped & Reeled	313-1300-00	Y		.019	CS
33.	Taped & Reeled	313-1330-00	Y		.017	CR
36.	Taped & Reeled	313-1360-00	Y		.017	CR
39.	Taped & Reeled	313-1390-00	Y		.017	CR
43.	Taped & Reeled	313-1430-00	Y		.017	CR
47.	Taped & Reeled	313-1470-00	Y		.017	CR
51.	Taped & Reeled	313-1510-00	Y		.017	CR
56.	Taped & Reeled	313-1560-00	Y		.017	CR
62.	Taped & Reeled	313-1620-00	Y		.019	CR
68.	Taped & Reeled	313-1680-00	Y		.017	CR
75.	Taped & Reeled	313-1750-00	Y		.017	CR
82.	Taped & Reeled	313-1820-00	Y		.017	CR
100.	Taped & Reeled	313-1101-00	Y		.017	CR
120.	Taped & Reeled	313-1121-00	Y		.017	CR
130.	Taped & Reeled	313-1131-00	Y		.017	CR
150.	Taped & Reeled	313-1151-00	Y		.017	CR
160.	Taped & Reeled	313-1161-00	Y		.017	CR
180.	Taped & Reeled	313-1181-00	Y		.017	CR
200.	Taped & Reeled	313-1201-00	Y		.017	CR
220.	Taped & Reeled	313-1221-00	Y		.019	CR
240.	Taped & Reeled	313-1241-00	Y		.019	CR
270.	Taped & Reeled	313-1271-00	Y		.017	CR
300.	Taped & Reeled	313-1301-00	Y		.019	CR
330.	Taped & Reeled	313-1331-00	Y		.017	CR
360.	Taped & Reeled	313-1361-00	Y		.019	CR
390.	Taped & Reeled	313-1391-00	Y		.017	CR
430.	Taped & Reeled	313-1431-00	Y		.017	CR
470.	Taped & Reeled	313-1471-00	Y		.017	CR
510.	Taped & Reeled	313-1511-00	Y		.017	CR
560.	Taped & Reeled	313-1561-00	Y		.017	CR
620.	Taped & Reeled	313-1621-00	Y		.017	CR
680.	Taped & Reeled	313-1681-00	Y		.017	CR
750.	Taped & Reeled	313-1751-00	Y		.017	CR
820.	Taped & Reeled	313-1821-00	Y		.017	CR
910.	Taped & Reeled	313-1911-00	Y		.017	CR
1. k	Taped & Reeled	313-1102-00	Y		.017	CR
1.1 k	Taped & Reeled	313-1112-00	Y		.017	CR
1.2 k	Taped & Reeled	313-1122-00	Y		.017	CR
1.3 k	Taped & Reeled	313-1132-00	Y		.017	CR

Note: Not all values are available at Tektronix, but have pre-assigned numbers and should be treated as a new part.
Check for status as listed above in tables, or in screening report.

^a Machine insertable.

^b The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

CARBON (FILM AND COMPOSITION) (cont)

.200 W 5% 313-XXXX-XX (cont)

Resistance Ω	Other	Part Number	MI ^a	Codes ^b		
				ND	Cost	ST
1.5 k	Taped & Reeled	313-1152-00	Y		.017	CR
1.6 k	Taped & Reeled	313-1162-00	Y		.017	CR
1.8 k	Taped & Reeled	313-1182-00	Y		.017	CR
2. k	Taped & Reeled	313-1202-00	Y		.017	CR
2.2 k	Taped & Reeled	313-1222-00	Y		.017	CR
2.4 k	Taped & Reeled	313-1242-00	Y		.017	CR
2.7 k	Taped & Reeled	313-1272-00	Y		.017	CR
3. k	Taped & Reeled	313-1302-00	Y		.017	CR
3.3 k	Taped & Reeled	313-1332-00	Y		.017	CR
3.6 k	Taped & Reeled	313-1362-00	Y		.017	CR
3.9 k	Taped & Reeled	313-1392-00	Y		.017	CR
4.3 k	Taped & Reeled	313-1432-00	Y		.017	CR
4.7 k	Taped & Reeled	313-1472-00	Y		.017	CR
5.1 k	Taped & Reeled	313-1512-00	Y		.017	CR
5.6 k	Taped & Reeled	313-1562-00	Y		.017	CR
6.2 k	Taped & Reeled	313-1622-00	Y		.017	CR
6.8 k	Taped & Reeled	313-1682-00	Y		.017	CR
7.5 k	Taped & Reeled	313-1752-00	Y		.017	CR
8.2 k	Taped & Reeled	313-1822-00	Y		.017	CR
9.1 k	Taped & Reeled	313-1912-00	Y		.017	CR
10. k	Taped & Reeled	313-1103-00	Y		.017	CR
11. k	Taped & Reeled	313-1113-00	Y		.019	CR
12. k	Taped & Reeled	313-1123-00	Y		.019	CR
15. k	Taped & Reeled	313-1153-00	Y		.019	CR
16. k	Taped & Reeled	313-1163-00	Y		.019	CR
18. k	Taped & Reeled	313-1183-00	Y		.017	CR
20. k	Taped & Reeled	313-1203-00	Y		.017	CR
22. k	Taped & Reeled	313-1223-00	Y		.017	CR
24. k	Taped & Reeled	313-1243-00	Y		.017	CR
27. k	Taped & Reeled	313-1273-00	Y		.017	CR
30. k	Taped & Reeled	313-1303-00	Y		.019	CR
33. k	Taped & Reeled	313-1333-00	Y		.017	CR
36. k	Taped & Reeled	313-1363-00	Y		.017	CR
39. k	Taped & Reeled	313-1393-00	Y		.017	CR
43. k	Taped & Reeled	313-1433-00	Y		.017	CR
47. k	Taped & Reeled	313-1473-00	Y		.017	CR
51. k	Taped & Reeled	313-1513-00	Y		.017	CR
51. k	Taped & Reeled	313-1563-00	Y			DL
68. k	Taped & Reeled	313-1683-00	Y		.017	CR
75. k	Taped & Reeled	313-1753-00	Y		.017	CR
82. k	Taped & Reeled	313-1823-00	Y		.017	CR
91. k	Taped & Reeled	313-1913-00	Y		.017	CR
100. k	Taped & Reeled	313-1104-00	Y		.017	CR
110. k	Taped & Reeled	313-1114-00	Y		.017	CR
120. k	Taped & Reeled	313-1124-00	Y		.017	CR
130. k	Taped & Reeled	313-1134-00	Y		.017	CR
150. k	Taped & Reeled	313-1154-00	Y		.017	CR
180. k	Taped & Reeled	313-1184-00	Y		.017	CR
200. k	Taped & Reeled	313-1204-00	Y		.017	CR
220. k	Taped & Reeled	313-1224-00	Y		.017	CR

Note: Not all values are available at Tektronix, but have pre-assigned numbers and should be treated as a new part.
Check for status as listed above in tables, or in screening report.

^a Machine insertable.

^b The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

CARBON (FILM AND COMPOSITION) (cont)

.200 W 5% 313-XXXX-XX (cont)

Resistance Ω	Other	Part Number	MI ^a	Codes ^b		
				ND	Cost	ST
240. k	Taped & Reeled	313-1244-00	Y		.019	CR
270. k	Taped & Reeled	313-1274-00	Y		.011	CR
300. k	Taped & Reeled	313-1304-00	Y		.017	CR
330. k	Taped & Reeled	313-1334-00	Y		.017	CR
390. k	Taped & Reeled	313-1394-00	Y		.029	CR
430. k	Taped & Reeled	313-1434-00	Y		.029	CR
470. k	Taped & Reeled	313-1474-00	Y		.029	CR
510. k	Taped & Reeled	313-1514-00	Y		.029	CR
560. k	Taped & Reeled	313-1564-00	Y			CR
620. k	Taped & Reeled	313-1624-00	Y		.019	CR
750. k	Taped & Reeled	313-1754-00	Y			CR
820. k	Taped & Reeled	313-1824-00	Y		.040	CR
1. M	Taped & Reeled	313-1105-00	Y		.029	CR
1.5 M	Taped & Reeled	313-1155-00	Y			EN
2. M	Taped & Reeled	313-1205-00	Y			CR
13. M	Taped & Reeled	313-1135-00	Y			CR

Note: Not all values are available at Tektronix, but have pre-assigned numbers and should be treated as a new part.
Check for status as listed above in tables, or in screening report.

^a Machine insertable.

^b The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

CARBON (FILM AND COMPOSITION) (cont)

.250 W 5% 315-XXXX-XX

BEWARE

These components may not operate within specified nominal tolerance limits, because of the effects of moisture. Refer to Resistors & Capacitors Section of the Supplement Catalog 7 under Effects of Moisture on Resistors.

Resistance Ω	Other	Part Number	MI ^a	Codes ^b		
				ND	Cost	ST
10.	Allen-Bradley Only/Composition Card Pack Only	315-0100-00 ^c	Y	A	.004	CR
10.		315-0100-02	Y		.038	CR
10.		315-0100-04			.050	CR
11.		315-0110-00	Y		.004	CR
12.		315-0120-00	Y		.004	CR
12.	Card Pack Only	315-0120-01			.038	CR
13.		315-0130-00	Y		.004	CR
13.	Carbon Composition Only	315-0130-02	Y		.038	CR
15.		315-0150-00 ^c	Y		.004	CR
16.		315-0160-00	Y		.004	CR
16.		315-0160-01	Y		.039	CR
18.	Card Pack Only	315-0180-00	Y		.004	CR
20.		315-0200-00	Y		.004	CR
20.		315-0200-02			.038	CS
22.		315-0220-00	Y		.004	CR
22.	Allen-Bradley Only/Composition Card Pack Only	315-0220-01	Y		.043	CR
22.		315-0220-03			.034	CR
24.	Card Pack Only	315-0240-00	Y	A	.004	CR
27.		315-0270-00	Y		.004	CR
27.		315-0270-01 ^c	Y		.038	CR
30.		315-0300-00	Y		.004	CR
30.	Allen-Bradley Only	315-0300-02	Y		.039	CR
33.		315-0330-00	Y		.004	CR
33.	Allen-Bradley Only/Composition Card Pack Only	315-0330-01	Y		.042	CR
33.		315-0330-03				DL
36.	Card Pack Only	315-0360-00	Y		.031	CS
36.		315-0360-01			.031	CS
39.		315-0390-00	Y	A	.004	CR
43.	Allen-Bradley Only/Composition	315-0430-00	Y		.004	CR
43.		315-0430-02			.042	CR
43.	Card Pack Only	315-0430-03			.039	CR
47.		315-0470-00 ^c	Y	A	.004	CR
47.	Carbon Composition Only Card Pack Only	315-0470-03 ^c	Y		.042	CR
47.		315-0470-04				DL
51.	Carbon Composition Only	315-0510-00	Y		.004	CR
51.		315-0510-03			.801	CR
51.		315-0510-04	Y		.042	CR
56.		315-0560-00	Y	A	.004	CR
56.		315-0560-02			.034	CR
62.	Card Pack Only	315-0620-00 ^c	Y		.004	CR
62.		315-0620-02	Y	U	.038	CR
62.	Allen-Bradley Only Card Pack Only	315-0620-04				DL
68.		315-0680-00	Y	A	.004	CR
68.	Card Pack Only	315-0680-02	Y		.028	CS
68.		315-0680-03				OB

Note: Not all values are available at Tektronix, but have pre-assigned numbers and should be treated as a new part. Check for status as listed above in tables, or in screening report.

^a Machine Insertable.

^b The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

^c Safety controlled.

CARBON (FILM AND COMPOSITION) (cont)**.250 W 5% 315-XXXX-XX (cont)****BEWARE**

These components may not operate within specified nominal tolerance limits, because of the effects of moisture. Refer to Resistors & Capacitors Section of the Supplement Catalog 7 under Effects of Moisture on Resistors.

Resistance Ω	Other	Part Number	MI ^a	Codes ^b		
				ND	Cost	ST
75.	Card Pack Only	315-0750-00	Y	A	.004	CR
75.		315-0750-02			.028	CS
82.		315-0820-00	Y	A	.004	CR
82.	Card Pack Only	315-0820-01			.050	CS
91.		315-0910-00	Y		.004	CR
91.	Card Pack Only	315-0910-01	Y		.028	CS
100.		315-0101-00 ^c	Y	A	.004	CR
100.	Carbon Composition Only	315-0101-03	Y		.042	CR
100.		315-0101-06			.038	CR
110.		315-0111-00	Y	A	.004	CR
120.	Card Pack Only	315-0121-00	Y		.004	CR
120.		315-0121-02	Y		.031	CR
130.		315-0131-00	Y		.004	CR
130.	Card Pack Only	315-0131-01			.055	CS
150.		315-0151-00	Y	A	.004	CR
160.	Card Pack Only	315-0161-00	Y		.004	CR
160.		315-0161-02			.038	CR
180.		315-0181-00	Y	A	.004	CR
180.	Card Pack Only	315-0181-02			.038	CR
200.		315-0201-00 ^c	Y	A	.004	CR
200.	Allen-Bradley Only/Composition	315-0201-02	Y		.039	CR
200.		315-0201-04			.031	CR
220.		315-0221-00 ^c	Y	A	.004	CR
220.	Card Pack Only	315-0221-03	Y		.041	CR
220.		315-0221-04	Y		.031	CR
240.	Card Pack Only	315-0241-00	Y		.004	CR
240.		315-0241-02	Y		.060	CS
240.		315-0241-04	Y		.039	CR
270.	Allen-Bradley Only	315-0271-00 ^c	Y	A	.004	CR
270.		315-0271-03	Y		.050	CR
300.	Card Pack Only	315-0301-00 ^c	Y	A	.004	CR
300.		315-0301-02			.038	CR
330.		315-0331-00	Y	A	.004	CR
330.	Allen-Bradley Only/Composition	315-0331-03	Y		.038	CR
360.		315-0361-00	Y		.004	CR
390.	Card Pack Only	315-0391-00	Y	A	.004	CR
430.		315-0431-00	Y		.004	CR
470.		315-0471-00 ^c	Y	A	.004	CR
470.	Card Pack Only	315-0471-03	Y		.038	CR
510.		315-0511-00 ^c	Y		.004	CR
510.	Allen-Bradley Only/Composition	315-0511-02	Y		.035	CR
560.		315-0561-00	Y		.004	CR
560.	Card Pack Only	315-0561-03				DL
620.		315-0621-00	Y	A	.004	CR
620.	Allen-Bradley Only/Composition	315-0621-03	Y		.038	CR

Note: Not all values are available at Tektronix, but have pre-assigned numbers and should be treated as a new part. Check for status as listed above in tables, or in screening report.

^a Machine insertable.

^b The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

^c Safety controlled.

CARBON (FILM AND COMPOSITION) (cont)**.250 W 5% 315-XXXX-XX (cont)****BEWARE**

These components may not operate within specified nominal tolerance limits, because of the effects of moisture. Refer to Resistors & Capacitors Section of the Supplement Catalog 7 under Effects of Moisture on Resistors.

Resistance Ω	Other	Part Number	MI ^a	Codes ^b		
				ND	Cost	ST
680.	Allen-Bradley Only/Composition	315-0681-00	Y	A	.004	CR
680.		315-0681-03	Y		.038	CR
750.		315-0751-00 ^c	Y	A	.004	CR
750.		315-0751-04	Y		.038	OT
820.		315-0821-00	Y		.004	CR
820.	Card Pack Only	315-0821-03		U	.038	CR
910.		315-0911-00	Y	A	.004	CR
1. k	Card Pack Only	315-0102-00	Y	A	.004	CR
1. k		315-0102-03	Y		.038	CR
1. k		315-0102-06	Y			OB
1.1 k	Allen-Bradley Only/Composition	315-0112-00	Y		.004	CR
1.2 k		315-0122-00	Y	A	.004	CR
1.3 k		315-0132-00	Y	A	.004	CR
1.3 k		315-0132-01	Y			DL
1.5 k		315-0152-00	Y	A	.004	CR
1.6 k	Card Pack Only	315-0162-00	Y		.004	CR
1.6 k		315-0162-02			.031	CS
1.8 k	Allen-Bradley Only/Composition	315-0182-00	Y	A	.004	CR
1.8 k		315-0182-03	Y		.043	CR
2. k		315-0202-00	Y	A	.004	CR
2. k	Allen-Bradley Only/Composition	315-0202-02	Y		.042	CR
2.2 k		315-0222-00	Y	A	.004	CR
2.4 k		315-0242-00	Y	A	.004	CR
2.7 k		315-0272-00	Y	A	.004	CR
2.7 k	Allen-Bradley Only/Composition	315-0272-03	Y		.035	CR
3. k		315-0302-00	Y	A	.004	CR
3.3 k	Allen-Bradley Only/Composition	315-0332-00	Y	A	.004	CR
3.6 k		315-0362-00	Y		.004	CR
3.9 k		315-0392-00	Y	A	.004	CR
3.9 k		315-0392-03	Y		.038	CR
4.3 k		315-0432-00	Y	A	.004	CR
4.7 k	Allen-Bradley Only/Composition	315-0472-00	Y	A	.004	CR
4.7 k		315-0472-03	Y		.038	CR
5.1 k		315-0512-00	Y	A	.004	CR
5.6 k		315-0562-00	Y	A	.004	CR
5.6 k	Allen-Bradley Only/Composition	315-0562-03			.038	CR
6.2 k		315-0622-00	Y		.004	CR
6.8 k	Card Pack Only	315-0682-00	Y	A	.004	CR
6.8 k		315-0682-03			.042	CR
7.5 k		315-0752-00	Y	A	.004	CR
8.2 k	Allen-Bradley Only	315-0822-00	Y		.004	CR
8.2 k		315-0822-03			.038	CR
9.1 k		315-0912-00	Y	A	.004	CR
10. k		315-0103-00	Y	A	.004	CR
10. k	Allen-Bradley Only/Composition	315-0103-03	Y		.042	CR

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^a Machine insertable.

^b The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

^c Safety controlled.

CARBON (FILM AND COMPOSITION) (cont)

.250 W 5% 315-XXXX-XX (cont)

BEWARE

These components may not operate within specified nominal tolerance limits, because of the effects of moisture. Refer to Resistors & Capacitors Section of the Supplement Catalog 7 under Effects of Moisture on Resistors.

Resistance Ω	Other	Part Number	MI ^a	Codes ^b		
				ND	Cost	ST
11. k		315-0113-00	Y		.004	CR
12. k		315-0123-00	Y	A	.004	CR
13. k		315-0133-00	Y		.004	CR
15. k		315-0153-00 ^c	Y		.004	CR
15. k	Allen-Bradley Only/Composition	315-0153-03	Y		.038	CR
16. k		315-0163-00	Y	A	.004	CR
16. k	Allen-Bradley Only/Composition	315-0163-01	Y		.038	CR
18. k		315-0183-00	Y		.004	CR
18. k	Allen-Bradley Only/Composition	315-0183-03	Y		.038	CR
20. k		315-0203-00	Y	A	.004	CR
20. k		315-0203-02	Y		.039	CR
22. k		315-0223-00	Y	A	.004	CR
22. k	Allen-Bradley Only/	315-0223-03	Y		.038	CR
24. k		315-0243-00	Y	A	.004	CR
24. k	Allen-Bradley Only/Composition	315-0243-03	Y		.038	CR
27. k		315-0273-00	Y	A	.004	CR
30. k		315-0303-00	Y		.004	CR
30. k	Allen-Bradley Only/Composition	315-0303-03	Y		.055	CR
33. k		315-0333-00	Y	A	.004	CR
36. k		315-0363-00	Y	A	.004	CR
39. k		315-0393-00	Y	A	.004	CR
43. k		315-0433-00	Y		.004	CR
43. k	Carbon Composition Only	315-0433-03	Y			DL
47. k		315-0473-00	Y	A	.004	CR
47. k	Carbon Composition Only	315-0473-03	Y		.039	CS
51. k		315-0513-00	Y	A	.004	CR
51. k	Allen-Bradley Only/Composition	315-0513-03	Y		.059	CS
56. k		315-0563-00	Y		.038	CR
62. k		315-0623-00	Y		.004	CR
68. k		315-0683-00	Y	A	.004	CR
68. k	Allen-Bradley Only/Composition	315-0683-03	Y		.038	CR
75. k		315-0753-00	Y	A	.004	CR
82. k		315-0823-00	Y	A	.004	CR
91. k		315-0913-00	Y		.004	CR
100. k		315-0104-00	Y	A	.004	CR
100. k	Carbon Composition Only	315-0104-03	Y		.038	CR
110. k		315-0114-00	Y		.004	CR
120. k		315-0124-00	Y		.004	CR
120. k	Allen-Bradley Only/Composition	315-0124-02	Y		.038	CR
130. k		315-0134-00	Y	A	.004	CR
130. k	Allen-Bradley Only/Composition	315-0134-03	Y		.038	CR
150. k		315-0154-00 ^c	Y	A	.004	CR
150. k	Carbon Composition Only	315-0154-02	Y			DL
160. k		315-0164-00	Y	A	.004	CR
180. k		315-0184-00	Y		.004	CR

Note: Not all values are available at Tektronix, but have pre-assigned numbers and should be treated as a new part. Check for status as listed above in tables, or in screening report.

^a Machine insertable.

^b The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

^c Safety controlled.

CARBON (FILM AND COMPOSITION) (cont)**.250 W 5% 315-XXXX-XX (cont)****BEWARE**

These components may not operate within specified nominal tolerance limits, because of the effects of moisture. Refer to Resistors & Capacitors Section of the Supplement Catalog 7 under Effects of Moisture on Resistors.

Resistance Ω	Other	Part Number	MI ^a	Codes ^b		
				ND	Cost	ST
180. k	Allen-Bradley Only/Composition	315-0184-01	Y		.038	CR
200. k		315-0204-00	Y		.004	CR
220. k		315-0224-00	Y	A	.004	CR
220. k		315-0224-01	Y		.038	CR
240. k		315-0244-00	Y		.004	CR
270. k	Carbon Composition Only	315-0274-00	Y	A	.004	CR
300. k		315-0304-00	Y	A	.004	CR
330. k		315-0334-00	Y		.004	CR
330. k		315-0334-02	Y			DL
360. k		315-0364-00	Y	A	.004	CR
390. k	Carbon Composition Only	315-0394-00	Y	A	.004	CR
430. k		315-0434-00	Y	A	.004	CR
430. k		315-0434-02	Y			DL
470. k		315-0474-00	Y	A	.004	CR
470. k		315-0474-02	Y		.038	CR
510. k	Carbon Composition Only	315-0514-00	Y		.004	CR
560. k		315-0564-00	Y		.004	CR
620. k		315-0624-00	Y		.004	CR
680. k		315-0684-00	Y		.004	CR
680. k		315-0684-02	Y			DL
750. k	Carbon Composition Only	315-0754-00	Y		.005	CR
750. k		315-0754-03	Y		.038	CR
820. k		315-0824-00	Y		.004	CR
820. k		315-0824-02	Y		.038	CR
910. k		315-0914-00	Y		.004	CR
1. M	Carbon Composition Only	315-0105-00	Y		.004	CR
1. M		315-0105-03			.038	CR
1.2 M		315-0125-00	Y		.038	CR
1.3 M		315-0135-00	Y		.004	CR
1.5 M		315-0155-00	Y		.004	CR
1.6 M	Carbon Composition Only	315-0165-00	Y			DL
1.8 M		315-0185-00	Y		.004	CR
2. M		315-0205-00	Y	A	.004	CR
2. M		315-0205-01	Y		.039	CS
2.2 M		315-0225-00	Y	A	.004	CR
2.2 M	Carbon Composition Only	315-0225-03				DL
2.4 M		315-0245-00	Y		.004	CR
2.7 M		315-0275-00	Y		.023	CR
3. M		315-0305-00	Y	U	.004	CR
3.3 M		315-0335-00	Y		.100	CR
3.3 M	Allen-Bradley Only/Composition	315-0335-03	Y		.038	CR
3.9 M		315-0395-00	Y		.004	CR
4.3 M		315-0435-00	Y		.029	CS
4.7 M		315-0475-00	Y		.004	CR
6.2 M		315-0625-00	Y		.042	CR

Note: Not all values are available at Tektronix, but have pre-assigned numbers and should be treated as a new part. Check for status as listed above in tables, or in screening report.

^a Machine Insertable.

^b The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

CARBON (FILM AND COMPOSITION) (cont)**.250 W 5% 315-XXXX-XX (cont)****BEWARE**

These components may not operate within specified nominal tolerance limits, because of the effects of moisture. Refer to Resistors & Capacitors Section of the Supplement Catalog 7 under Effects of Moisture on Resistors.

Resistance Ω	Other	Part Number	MI ^a	Codes ^b		
				ND	Cost	ST
6.8 M	Allen-Bradley Only	315-0685-00		U	.022	OT
7.5 M		315-0755-00	Y		.004	CR
9.1 M		315-0915-00	Y		.038	CR
9.1 M	Allen-Bradley Only/Composition	315-0915-02	Y		.031	CR
10. M		315-0106-00	Y		.004	CR
13. M	Allen-Bradley Only/Composition	315-0136-01	Y		.038	CR
20. M	Allen-Bradley Only/Composition	315-0206-01	Y		.038	CR
22. M		315-0226-00	Y		.038	CR
22. M	Allen-Bradley Only/Composition	315-0226-01	Y		.038	CR
39. M		315-0396-00	Y	A	.042	CR
56. M		315-0566-00	Y		.038	CR
75. M	Allen-Bradley Only/Composition	315-0756-00	Y	A	.490	CR
100. M		315-0107-00	Y		.038	CR
100. M	Carbon Composition Only	315-0107-01	Y			DL

Note: Not all values are available at Tektronix, but have pre-assigned numbers and should be treated as a new part. Check for status as listed above in tables, or in screening report.

^a Machine insertable.

^b The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

CARBON (FILM AND COMPOSITION) (cont)**.250 W 10% 316-XXXX-XX****BEWARE**

These components may not operate within specified nominal tolerance limits, because of the effects of moisture. Refer to Resistors & Capacitors Section of the Supplement Catalog 7 under Effects of Moisture on Resistors.

Resistance Ω	Other	Part Number	MI ^a	Codes ^b		
				ND	Cost	ST
10.	Carbon Composition Only	316-0100-00	Y		.034	CR
12.		316-0120-00				OB
15.		316-0150-00		U	.038	CS
18.		316-0180-00		U	.045	CS
22.		316-0220-00	Y		.034	CS
27.		316-0270-00	Y		.070	CR
33.		316-0330-00	Y		.034	CR
39.		316-0390-00	Y		.019	CS
47.		316-0470-00	Y		.034	CR
47.		316-0470-02				OB
56.		316-0560-00			.019	CS
68.		316-0680-00	Y		.019	CS
82.		316-0820-00			.019	CS
100.		316-0101-00	Y		.034	CR
120.		316-0121-00	Y		.034	CS
150.	Card Pack Only	316-0151-00			.027	CS
150.		316-0151-03				DL
180.		316-0181-00	Y		.019	CR
220.		316-0221-00	Y		.027	CS
270.		316-0271-00		U	.019	CS
330.	Card Pack Only	316-0331-00	Y		.019	CS
330.		316-0331-02			.028	CR
390.	Card Pack Only	316-0391-00	Y	U	.037	CR
390.		316-0391-03				DL
470.		316-0471-00	Y		.035	CR
560.		316-0561-00		U	.019	CS
620.		316-0621-00				DL
680.		316-0681-00	Y		.034	CS
820.		316-0821-00		U	.119	CS
1. k		316-0102-00	Y		.038	CR
1. k	Card Pack Only	316-0102-02				DL
1.2 k	Card Pack Only	316-0122-00	Y		.019	CR
1.5 k		316-0152-00	Y		.034	CR
1.8 k		316-0182-00		U	.027	CS
2.2 k		316-0222-00	Y		.033	CR
2.7 k		316-0272-00	Y		.015	CR
3.3 k		316-0332-00	Y		.034	CR
3.9 k		316-0392-00			.019	CS
4.7 k		316-0472-00	Y		.036	CR
5.6 k		316-0562-00	Y		.270	CS
6.8 k		316-0682-00	Y		.032	CR
8.2 k		316-0822-00			.019	CS
10. k		316-0103-00	Y		.036	CR
12. k		316-0123-00	Y		.028	CS
15. k		316-0153-00	Y	A	.034	CR

Note: Not all values are available at Tektronix, but have pre-assigned numbers and should be treated as a new part. Check for status as listed above in tables, or in screening report.

^a Machine insertable.

^b The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

CARBON (FILM AND COMPOSITION) (cont)

.250 W 10% 316-XXXX-XX (cont)

BEWARE

These components may not operate within specified nominal tolerance limits, because of the effects of moisture. Refer to Resistors & Capacitors Section of the Supplement Catalog 7 under Effects of Moisture on Resistors.

Resistance Ω	Other	Part Number	MI ^a	Codes ^b		
				ND	Cost	ST
18. k	Carbon Composition Only	316-0183-00			.019	CS
22. k		316-0223-00	Y	U	.026	CR
27. k		316-0273-00			.027	CS
33. k		316-0333-00	Y		.024	CS
39. k		316-0393-00			.034	CR
47. k		316-0473-00	Y		.038	CS
56. k		316-0563-00	Y		.027	CR
68. k		316-0683-00	Y		.036	CR
82. k		316-0823-00	Y		.020	CS
100. k		316-0104-00	Y		.036	CR
120. k		316-0124-00			.019	CS
150. k		316-0154-00	Y		.027	CS
180. k		316-0184-00			.019	CS
220. k		316-0224-00	Y		.041	CR
270. k		316-0274-00	Y		.021	CS
330. k		316-0334-00	Y	U	.019	CR
390. k		316-0394-00			.107	CS
470. k		316-0474-00	Y		.032	OT
560. k		316-0564-00	Y		.036	CR
680. k		316-0684-00			.019	CS
820. k		316-0824-00	Y	U	.027	CS
1. M		316-0105-00	Y		.034	CR
1.2 M		316-0125-00			.019	CS
1.5 M		316-0155-00			.019	CS
1.8 M		316-0185-00				OB
2.2 M		316-0225-00	Y		.027	CS
2.7 M		316-0275-00	Y		.034	CS
3.3 M		316-0335-00	Y		.025	CS
3.9 M		316-0395-00	Y	U	.036	CS
4.7 M		316-0475-00	Y		.027	CS
5.6 M		316-0565-00	Y		.018	CR
5.6 M		316-0565-03	Y			DL
6.8 M		316-0685-00	Y		.036	CS
8.2 M		316-0825-00	Y		.034	CR
10. M		316-0106-00	Y		.027	CR
12. M		316-0126-00	Y		.027	CR
15. M		316-0156-00	Y		.034	CR
18. M		316-0186-00	Y	U	.032	CS
22. M		316-0226-00	Y		.022	CR
27. M		316-0276-00	Y		.034	CR
33. M		316-0336-00	Y		.067	CR
47. M		316-0476-00			.019	CS

Note: Not all values are available at Tektronix, but have pre-assigned numbers and should be treated as a new part. Check for status as listed above in tables, or in screening report.

^a Machine insertable.

^b The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

CARBON (FILM AND COMPOSITION) (cont)**.500 W 1% 309-XXXX-XX****BEWARE**

These components may not operate within specified nominal tolerance limits, because of the effects of moisture. Refer to Resistors & Capacitors Section of the Supplement Catalog 7 under Effects of Moisture on Resistors.

Resistance Ω	Other	Part Number	MI ^a	Codes ^b		
				ND	Cost	ST
2.		309-0058-00	Y		.134	CR
170.		309-0360-00	Y		.370	CS
900.		309-0455-00			6.250	CR
18. k		309-0036-00	Y		.100	CS
20. k		309-0153-00	Y		.350	CS
100. k		309-0260-00	Y			OB
180. k		309-0279-00			.233	CS
1.8 M		309-0020-00	Y		.100	CS

Note: Not all values are available at Tektronix, but have pre-assigned numbers and should be treated as a new part. Check for status as listed above in tables, or in screening report.

^a Machine insertable.

^b The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

CARBON (FILM AND COMPOSITION) (cont)

.500 W 5% 301-XXXX-XX

BEWARE

These components may not operate within specified nominal tolerance limits, because of the effects of moisture. Refer to Resistors & Capacitors Section of the Supplement Catalog 7 under Effects of Moisture on Resistors.

Resistance Ω	Other	Part Number	MI ^a	Codes ^b		
				ND	Cost	ST
10.	Card Pack Only	301-0100-00	Y	A	.008	CR
10.		301-0100-01			.044	CS
11.		301-0110-00	Y		.034	CS
12.		301-0120-00	Y		.008	CR
13.		301-0130-00	Y		.052	CR
15.		301-0150-00	Y		.008	CR
16.		301-0160-00	Y		.023	CS
18.		301-0180-00	Y		.015	CR
20.		301-0200-00	Y	A	.008	CR
22.		301-0220-00	Y		.008	CR
22.	Carbon Composition Only	301-0220-01	Y			DL
24.	Card Pack Only	301-0240-00	Y	U	.020	CR
24.		301-0240-01				DL
27.		301-0270-00	Y		.008	CR
30.		301-0300-00	Y		.008	CR
30.	Card Pack Only	301-0300-01				OB
33.	Card Pack Only	301-0330-00	Y	U	.480	CR
33.		301-0330-02				OB
36.		301-0360-00	Y		.053	CR
39.		301-0390-00	Y	A	.007	CR
43.	Card Pack Only	301-0430-00	Y		.008	CR
43.		301-0430-01				DL
47.		301-0470-00	Y	A	.008	CR
51.	Card Pack Only	301-0510-00	Y		.008	CR
51.		301-0510-01				OB
56.	Carbon Composition Only	301-0560-00	Y		.048	CR
62.		301-0620-00	Y		.023	CR
62.		301-0620-01	Y		.052	CR
68.		301-0680-00	Y		.008	CR
75.		301-0750-00	Y		.053	CR
75.	Card Pack Only	301-0750-01	Y		.045	CR
82.		301-0820-00	Y		.020	CR
91.		301-0910-00	Y		.079	CR
100.		301-0101-00	Y		.103	CS
100.		301-0101-03	Y		.039	CR
110.	Card Pack Only	301-0111-00	Y		.008	CR
120.		301-0121-00 ^c	Y		.008	CR
130.		301-0131-00	Y		.008	CR
150.		301-0151-00	Y		.010	CR
150.		301-0151-01				DL
160.	Card Pack Only	301-0161-00	Y		.008	CR
180.		301-0181-00	Y		.013	CR
180.		301-0181-01				OB
200.		301-0201-00	Y		.008	CR
220.		301-0221-00	Y		.008	CR

Note: Not all values are available at Tektronix, but have pre-assigned numbers and should be treated as a new part. Check for status as listed above in tables, or in screening report.

^a Machine insertable.

^b The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

^c Safety controlled.

CARBON (FILM AND COMPOSITION) (cont)

.500 W 5% 301-XXXX-XX (cont)

BEWARE

These components may not operate within specified nominal tolerance limits, because of the effects of moisture. Refer to Resistors & Capacitors Section of the Supplement Catalog 7 under Effects of Moisture on Resistors.

Resistance Ω	Other	Part Number	MI ^a	Codes ^b		
				ND	Cost	ST
240.	Carbon Composition Only	301-0241-00	Y		.008	CR
240.		301-0241-01	Y		.053	OT
270.		301-0271-00	Y		.008	CR
270.	Card Pack Only	301-0271-01	Y		.045	CS
300.		301-0301-00	Y		.008	CR
330.	Carbon Composition Only	301-0331-00	Y		.013	CR
330.		301-0331-01	Y		.053	CR
360.		301-0361-00	Y		.008	CR
390.		301-0391-00	Y		.024	CR
430.		301-0431-00	Y		.008	CR
470.	Carbon Composition Only	301-0471-00	Y		.008	CR
510.		301-0511-00	Y		.008	CR
560.		301-0561-00	Y		.052	CR
620.		301-0621-00	Y		.024	CR
620.		301-0621-03			.008	CR
680.	Carbon Composition Only	301-0681-00	Y		.008	CR
680.		301-0681-01	Y		.048	CS
750.		301-0751-00	Y		.008	CR
820.	Card Pack Only	301-0821-00	Y		.013	CR
820.		301-0821-01				OB
910.	Carbon Composition Only	301-0911-00	Y	A	.008	CR
1. k		301-0102-00	Y	A	.006	CR
1. k		301-0102-03	Y		.052	CR
1.1 k		301-0112-00	Y	U	.060	CR
1.2 k		301-0122-00	Y		.007	CR
1.2 k	Carbon Composition Only	301-0122-02	Y		.036	CS
1.3 k		301-0132-00	Y		.008	CR
1.5 k	Card Pack Only	301-0152-00	Y		.008	CR
1.5 k		301-0152-02			.053	CR
1.5 k		301-0152-03	Y		.053	CR
1.6 k	Carbon Composition Only	301-0162-00	Y		.020	CR
1.8 k		301-0182-00	Y		.008	CR
2. k		301-0202-00	Y		.008	CR
2. k		301-0202-01	Y		.053	CR
2.2 k		301-0222-00	Y		.008	CR
2.2 k	Carbon Composition Only	301-0222-01	Y		.053	CR
2.4 k		301-0242-00	Y		.053	CR
2.7 k		301-0272-00	Y		.008	CR
2.7 k		301-0272-02	Y		.053	CR
3. k		301-0302-00	Y	A	.010	CR
3.3 k	Carbon Composition Only	301-0332-00	Y		.078	CR
3.6 k		301-0362-00	Y	A	.002	CR
3.9 k		301-0392-00	Y		.008	CR
4.3 k		301-0432-00	Y		.008	CR
4.7 k		301-0472-00	Y		.008	CR

Note: Not all values are available at Tektronix, but have pre-assigned numbers and should be treated as a new part.
Check for status as listed above in tables, or in screening report.

^a Machine Insertable.

^b The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

CARBON (FILM AND COMPOSITION) (cont)**.500 W 5% 301-XXXX-XX (cont)****BEWARE**

These components may not operate within specified nominal tolerance limits, because of the effects of moisture. Refer to Resistors & Capacitors Section of the Supplement Catalog 7 under Effects of Moisture on Resistors.

Resistance Ω	Other	Part Number	MI ^a	Codes ^b		
				ND	Cost	ST
5.1 k	Carbon Composition Only	301-0512-00	Y	U	.008	CR
5.1 k		301-0512-02	Y			DL
5.6 k	Allen-Bradley Only	301-0562-00	Y		.008	CR
6.2 k		301-0622-00	Y		.008	CR
6.2 k		301-0622-01	Y			DL
6.8 k		301-0682-00	Y		.008	CR
7.5 k	Carbon Composition Only	301-0752-00	Y		.008	CR
7.5 k		301-0752-02	Y		.049	CS
8.2 k		301-0822-00	Y		.008	CR
9.1 k		301-0912-00	Y		.053	CR
10. k	Carbon Composition Only	301-0103-00	Y	U	.008	CR
10. k		301-0103-02	Y		.053	CR
11. k		301-0113-00	Y		.008	CR
12. k		301-0123-00	Y		.008	CR
13. k		301-0133-00	Y		.007	CR
15. k	Carbon Composition Only	301-0153-00	Y		.008	CR
16. k		301-0163-00	Y		.022	CR
18. k		301-0183-00	Y		.008	CR
18. k		301-0183-01	Y		.053	CR
20. k		301-0203-00	Y		.008	CR
22. k	Allen-Bradley Only	301-0223-00	Y	U	.008	CR
22. k		301-0223-02	Y		.036	CS
22. k		301-0223-03	Y			DL
24. k		301-0243-00	Y		.008	CR
27. k		301-0273-00	Y		.007	CR
30. k	Carbon Composition Only	301-0303-00	Y		.020	CR
33. k		301-0333-00	Y		.013	CR
36. k		301-0363-00	Y		.008	CR
39. k		301-0393-00	Y		.008	CR
43. k		301-0433-00	Y		.053	CR
47. k	Carbon Composition Only	301-0473-00		U	.008	CR
51. k		301-0513-00	Y		.008	CR
51. k		301-0513-01	Y			DL
56. k		301-0563-00	Y		.008	CR
62. k		301-0623-00	Y		.020	CR
62. k	Carbon Composition Only	301-0623-02	Y		.053	CR
68. k		301-0683-00	Y		.008	CR
75. k		301-0753-00	Y		.008	CR
82. k		301-0823-00	Y		.008	CR
91. k		301-0913-00	Y		.056	CS
100. k	Carbon Composition Only	301-0104-00	Y		.008	CR
100. k		301-0104-02	Y		.053	CR
110. k		301-0114-00	Y		.034	CS
120. k		301-0124-00	Y		.028	CR
130. k		301-0134-00	Y		.020	CR

Note: Not all values are available at Tektronix, but have pre-assigned numbers and should be treated as a new part. Check for status as listed above in tables, or in screening report.

^a Machine insertable.

^b The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

CARBON (FILM AND COMPOSITION) (cont)**.500 W 5% 301-XXXX-XX (cont)****BEWARE**

These components may not operate within specified nominal tolerance limits, because of the effects of moisture. Refer to Resistors & Capacitors Section of the Supplement Catalog 7 under Effects of Moisture on Resistors.

Resistance Ω	Other	Part Number	MI ^a	Codes ^b		
				ND	Cost	ST
150. k	Carbon Composition Only	301-0154-00	Y		.008	CR
160. k		301-0164-00	Y		.034	CR
160. k		301-0164-01	Y		.048	CR
180. k		301-0184-00	Y		.011	CR
200. k		301-0204-00	Y		.008	CR
200. k	Carbon Composition Only	301-0204-01			.044	CR
220. k		301-0224-00	Y	U	.045	CR
220. k		301-0224-01	Y		.055	CS
240. k		301-0244-00	Y		.008	CR
270. k		301-0274-00	Y	A	.008	CR
300. k	Carbon Composition Only	301-0304-00	Y		.052	CR
300. k		301-0304-01	Y		.053	OT
330. k		301-0334-00	Y		.106	CS
360. k		301-0364-00	Y	A	.020	CS
390. k		301-0394-00	Y		.086	CR
430. k	Carbon Composition Only	301-0434-00	Y		.012	CR
470. k		301-0474-00	Y		.008	CR
510. k		301-0514-00	Y		.008	CR
510. k		301-0514-01	Y		.048	CR
560. k		301-0564-00	Y		.053	CR
620. k	Carbon Composition Only	301-0624-00	Y	U	.052	CS
620. k		301-0624-01	Y		.048	CR
680. k		301-0684-00	Y		.034	CS
750. k	Carbon Composition Only	301-0754-00	Y		.008	CR
750. k		301-0754-01	Y		.053	CR
820. k	Carbon Composition Only	301-0824-00	Y		.008	CR
910. k		301-0914-00	Y		.150	CS
1. M		301-0105-00	Y		.039	CR
1. M		301-0105-01	Y		.053	CR
1.1 M		301-0115-00	Y		.034	CS
1.2 M	Carbon Composition Only	301-0125-00	Y		.048	CR
1.3 M		301-0135-00	Y		.053	CS
1.3 M		301-0135-02	Y		.053	CR
1.5 M		301-0155-00 ^c	Y		.048	CR
1.5 M		301-0155-01	Y		.052	CR
1.6 M	Carbon Composition Only	301-0165-00	Y		.012	CR
1.8 M		301-0185-00	Y	U	.048	CR
1.8 M		301-0185-02	Y			DL
2. M		301-0205-00	Y		.008	CR
2. M		301-0205-01	Y		.053	CR
2.2 M	Carbon Composition Only	301-0225-00	Y		.061	CS
2.2 M		301-0225-02	Y		.053	CR
2.4 M		301-0245-00	Y		.108	CS
2.7 M		301-0275-00	Y	U	.063	CR
3. M		301-0305-00	Y		.008	CR

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^a Machine Insertable.

^b The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

^c Safety controlled.

CARBON (FILM AND COMPOSITION) (cont)

.500 W 5% 301-XXXX-XX (cont)

BEWARE

These components may not operate within specified nominal tolerance limits, because of the effects of moisture. Refer to Resistors & Capacitors Section of the Supplement Catalog 7 under Effects of Moisture on Resistors.

Resistance Ω	Other	Part Number	MI ^a	Codes ^b		
				ND	Cost	ST
3. M	Carbon Composition Only	301-0305-01	Y	U	.063	CR
3.3 M		301-0335-00			.039	CR
3.3 M	Carbon Composition Only	301-0335-01	Y		.063	OT
3.6 M		301-0365-00	Y		.034	CS
3.9 M		301-0395-00	Y		.034	CS
4.3 M	Card Pack Only	301-0435-00	Y		.063	CR
4.7 M		301-0475-00	Y		.055	CS
5.6 M		301-0565-00	Y		.048	CR
6.2 M		301-0625-00	Y		.034	CS
6.2 M	Carbon Composition Only	301-0625-01				DL
6.8 M		301-0685-00	Y		.048	CR
7.5 M		301-0755-00	Y		.048	CS
8.2 M		301-0825-00	Y		.063	CR
9.1 M		301-0915-00	Y		.077	CS
10. M		301-0106-00	Y		.048	CR
10. M	Carbon Composition Only	301-0106-03	Y	U	.052	CR
11. M	Carbon Composition Only	301-0116-00			.048	CS
12. M		301-0126-00	Y			OB
13. M		301-0136-00	Y		.034	CS
15. M		301-0156-00	Y			OB
16. M		301-0166-00	Y		.048	CR
18. M		301-0186-00	Y			OB
20. M		301-0206-00	Y			OB
22. M		301-0226-00	Y		.063	CR

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^a Machine Insertable.

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CARBON (FILM AND COMPOSITION) (cont)**.500 W 10% 302-XXXX-XX****BEWARE**

These components may not operate within specified nominal tolerance limits, because of the effects of moisture. Refer to Resistors & Capacitors Section of the Supplement Catalog 7 under Effects of Moisture on Resistors.

Resistance Ω	Other	Part Number	MI ^a	Codes ^b		
				ND	Cost	ST
10.	Carbon Composition Only Allen-Bradley Only	302-0100-00	Y	U	.020	CR
10.		302-0100-02	Y			DL
10.		302-0100-03	Y		.039	CR
12.		302-0120-00	Y		.036	CS
15.		302-0150-00	Y		.060	CR
15.	Card Pack Only	302-0150-03				DL
18.		302-0180-00	Y			OB
22.	Card Pack Only	302-0220-00	Y		.017	CR
22.		302-0220-01				DL
27.		302-0270-00	Y		.028	OT
33.		302-0330-00	Y		.039	CR
39.	Card Pack Only	302-0390-00	Y			OB
47.		302-0470-00	Y		.077	CR
47.		302-0470-02			.039	CR
56.		302-0560-00	Y		.079	CR
68.		302-0680-00	Y		.020	CR
82.	Carbon Composition Only	302-0820-00	Y		.039	CS
82.		302-0820-01	Y		.127	CS
100.	Card Pack Only	302-0101-00	Y		.103	CS
100.		302-0101-02				OB
120.	Card Pack Only	302-0121-00	Y		.009	CR
150.		302-0151-00	Y		.038	CR
180.		302-0181-00	Y		.028	CR
180.		302-0181-02	Y			DL
220.		302-0221-00	Y		.035	CR
220.	Card Pack Only	302-0221-01			.055	CR
270.		302-0271-00	Y		.035	CR
330.		302-0331-00	Y		.020	CS
390.		302-0391-00	Y		.028	CS
470.	Card Pack Only	302-0471-00	Y		.038	CR
470.		302-0471-02				DL
560.		302-0561-00	Y		.028	CS
680.		302-0681-00	Y		.043	CS
820.		302-0821-00	Y			OB
1. k	Card Pack Only	302-0102-00	Y		.079	CR
1. k		302-0102-03			.032	CS
1.2 k		302-0122-00	Y			OB
1.5 k		302-0152-00	Y		.039	CS
1.8 k		302-0182-00	Y		.052	CS
2.2 k	Card Pack Only	302-0222-00	Y		.052	CS
2.7 k		302-0272-00	Y		.020	CS
3.3 k		302-0332-00	Y		.039	CR
3.9 k		302-0392-00	Y		.039	CR
3.9 k		302-0392-02			.050	CS
4.7 k		302-0472-00	Y		.039	CR

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Check for status as listed above in tables, or in screening report.

^a Machine insertable.

^b The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

CARBON (FILM AND COMPOSITION) (cont)

.500 W 10% 302-XXXX-XX (cont)

BEWARE

These components may not operate within specified nominal tolerance limits, because of the effects of moisture. Refer to Resistors & Capacitors Section of the Supplement Catalog 7 under Effects of Moisture on Resistors.

Resistance Ω	Other	Part Number	MI ^a	Codes ^b		
				ND	Cost	ST
4.7 k	Card Pack Only	302-0472-02	Y		.034	CS
4.7 k	Carbon Composition Only	302-0472-03	Y			DL
5.6 k		302-0562-00	Y		.020	CS
6.8 k		302-0682-00			.035	CR
8.2 k		302-0822-00	Y		.039	CR
10. k		302-0103-00	Y		.008	CR
12. k		302-0123-00	Y		.020	CS
15. k		302-0153-00	Y		.020	CS
18. k		302-0183-00	Y		.038	CR
22. k		302-0223-00	Y		.039	CR
22. k	Carbon Composition Only	302-0223-02	Y			DL
27. k		302-0273-00	Y		.039	CR
33. k		302-0333-00	Y		.039	CR
39. k		302-0393-00	Y		.038	CR
47. k		302-0473-00	Y		.008	CR
47. k	Carbon Composition Only	302-0473-01	Y		.034	CS
56. k		302-0563-00	Y		.039	CR
68. k		302-0683-00	Y			NP
82. k		302-0823-00	Y		.020	CR
100. k		302-0104-00	Y		.060	CR
100. k	Card Pack Only	302-0104-02				OB
120. k		302-0124-00	Y		.029	CR
150. k		302-0154-00	Y		.017	CS
180. k		302-0184-00	Y		.020	CS
220. k		302-0224-00	Y		.033	CR
270. k		302-0274-00	Y			OB
330. k		302-0334-00	Y		.039	CR
390. k		302-0394-00	Y			OB
470. k		302-0474-00	Y		.017	CS
560. k		302-0564-00	Y		.017	CR
680. k		302-0684-00	Y		.039	CS
820. k		302-0824-00	Y		.028	CS
1. M		302-0105-00	Y		.039	CR
1. M	Carbon Composition Only	302-0105-01	Y			DL
1.2 M		302-0125-00	Y			OB
1.5 M		302-0155-00	Y		.020	CS
1.5 M	Carbon Composition Only	302-0155-01	Y			DL
1.8 M		302-0185-00	Y		.020	CS
2.2 M		302-0225-00	Y		.020	CS
2.7 M		302-0275-00	Y		.093	CS
3.3 M		302-0335-00	Y		.035	CS
3.9 M	Card Pack Only	302-0395-00	Y		.034	CS
4.7 M		302-0475-00	Y	U	.036	CS
4.7 M	Carbon Composition Only	302-0475-01	Y			DL
5.6 M		302-0565-00	Y		.039	CR

Note: Not all values are available at Tektronix, but have pre-assigned numbers and should be treated as a new part. Check for status as listed above in tables, or in screening report.

^a Machine insertable.

^b The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

CARBON (FILM AND COMPOSITION) (cont)**.500 W 10% 302-XXXX-XX (cont)****BEWARE**

These components may not operate within specified nominal tolerance limits, because of the effects of moisture. Refer to Resistors & Capacitors Section of the Supplement Catalog 7 under Effects of Moisture on Resistors.

Resistance Ω	Other	Part Number	MI ^a	Codes ^b		
				ND	Cost	ST
6.8 M		302-0685-00	Y		.028	CS
8.2 M		302-0825-00	Y			OB
10. M		302-0106-00	Y		.038	CR
12. M		302-0126-00	Y		.020	CS
15. M		302-0156-00	Y			OB
18. M		302-0186-00	Y			DL
22. M		302-0226-00	Y		.020	CS
27. M		302-0276-00	Y			DL
33. M		302-0336-00	Y			DL

Note: Not all values are available at Tektronix, but have pre-assigned numbers and should be treated as a new part. Check for status as listed above in tables, or in screening report.

^a Machine insertable.

^b The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

CARBON (FILM AND COMPOSITION) (cont)

1 W 5% 303-XXXX-XX

BEWARE

These components may not operate within specified nominal tolerance limits, because of the effects of moisture. Refer to Resistors & Capacitors Section of the Supplement Catalog 7 under Effects of Moisture on Resistors.

Resistance Ω	Other	Part Number	MI ^a	Codes ^b		
				ND	Cost	ST
10.	Allen-Bradley Only	303-0100-00	Y	U	.060	CR
11.		303-0110-00			.062	CS
12.		303-0120-00				DL
13.		303-0130-00				DL
15.		303-0150-00	Y		.160	CR
15.		303-0150-02			.103	CR
16.		303-0160-00			.062	CS
20.		303-0200-00	Y		.060	CR
22.		303-0220-00	Y		.090	CS
24.		303-0240-00			.062	CS
27.	Carbon Composition Only	303-0270-00	Y	U	.160	CR
30.		303-0300-00			.062	CS
33.		303-0330-00	Y		.088	CR
33.		303-0330-01	Y		.095	CS
36.		303-0360-00	Y		.072	CR
39.		303-0390-00	Y		.060	CR
43.	Card Pack Only	303-0430-00		U	.062	CS
47.		303-0470-00	Y		.060	CR
51.		303-0510-00	Y		.060	CR
56.		303-0560-00			.060	CR
62.		303-0620-00	Y		.096	CR
68.		303-0680-00	Y		.060	CR
75.	Carbon Composition Only	303-0750-00	Y	U	.099	CR
82.		303-0820-00	Y		.095	CR
91.		303-0910-00	Y		.062	CS
100.		303-0101-00	Y		.060	CR
110.		303-0111-00			.062	CS
120.		303-0121-00	Y		.060	CR
120.		303-0121-02	Y	U	.060	CS
130.		303-0131-00			.100	CS
150.		303-0151-00	Y		.072	CR
160.		303-0161-00			.062	CR
180.		303-0181-00			.062	CS
200.		303-0201-00			.090	CR
220.		303-0221-00	Y	U	.060	CR
220.		303-5001-00 ^c			.390	EN
240.		303-0241-00	Y		.072	CR
270.		303-0271-00	Y		.072	CR
300.		303-0301-00	Y		.060	CR
330.		303-0331-00	Y		.072	CR
360.	Carbon Composition Only	303-0361-00	Y	U	.062	CS
390.		303-0391-00	Y		.060	CR
390.		303-0391-02	Y		.095	CR
430.		303-0431-00			.111	CS
470.		303-0471-00	Y		.095	CR

Note: Not all values are available at Tektronix, but have pre-assigned numbers and should be treated as a new part. Check for status as listed above in tables, or in screening report.

^a Machine insertable.

^b The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

^c Surface mountable.

CARBON (FILM AND COMPOSITION) (cont)**1 W 5% 303-XXXX-XX (cont)****BEWARE**

These components may not operate within specified nominal tolerance limits, because of the effects of moisture. Refer to Resistors & Capacitors Section of the Supplement Catalog 7 under Effects of Moisture on Resistors.

Resistance Ω	Other	Part Number	MI ^a	Codes ^b		
				ND	Cost	ST
510.	Carbon Composition Only	303-0511-00	Y	U	.060	CR
560.		303-0561-00	Y		.060	CR
600.		303-0621-00	Y		.060	CR
680.		303-0681-00	Y			NP
750.		303-0751-00	Y		.072	CR
820.		303-0821-00	Y		.096	CS
910.		303-0911-00	Y		.131	CS
910.		303-0911-01				OB
1. k		303-0102-00	Y		.060	CR
1. k		303-0102-02	Y		.100	CR
1.1 k		303-0112-00			.006	CS
1.2 k		303-0122-00	Y		.072	CR
1.3 k		303-0132-00	Y		.110	CR
1.5 k		303-0152-00	Y		.095	CR
1.6 k		303-0162-00	Y		.060	CR
1.8 k	Card Pack Only	303-0182-00	Y	U	.060	CR
2. k		303-0202-00 ^c	Y		.060	CR
2.2 k		303-0222-00	Y		.060	CR
2.4 k		303-0242-00	Y		.060	CR
2.7 k		303-0272-00	Y		.060	CR
3. k		303-0302-00	Y		.082	CS
3.3 k	Card Pack Only	303-0332-00	Y	U	.060	CR
3.6 k		303-0362-00			.060	CR
3.9 k		303-0392-00	Y		.115	CR
4.3 k		303-0432-00	Y		.060	CR
4.7 k		303-0472-00	Y		.060	CR
5.1 k		303-0512-00			.062	CS
5.6 k	Card Pack Only	303-0562-00	Y	U	.072	CR
6.2 k		303-0622-00			.105	CS
6.8 k		303-0682-00	Y		.060	CR
7.5 k		303-0752-00	Y		.095	CR
8.2 k	Carbon Composition Only	303-0822-00	Y	U	.062	CR
9.1 k		303-0912-00	Y		.062	CS
10. k		303-0103-00	Y		.126	CR
10. k		303-0103-02	Y		.095	CR
11. k		303-0113-00			.011	CS
12. k		303-0123-00	Y		.060	CR
13. k	Card Pack Only	303-0133-00		U	.062	CS
15. k		303-0153-00	Y		.062	CR
16. k		303-0163-00	Y			OB
18. k		303-0183-00	Y		.072	CR
20. k		303-0203-00	Y		.060	CR
22. k		303-0223-00	Y		.060	CR
24. k	Carbon Composition Only	303-0243-00	Y	U	.060	CR
27. k		303-0273-00	Y		.060	CR

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^a Machine insertable.

^b The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

^c Safety controlled.

CARBON (FILM AND COMPOSITION) (cont)

1 W 5% 303-XXXX-XX (cont)

BEWARE

These components may not operate within specified nominal tolerance limits, because of the effects of moisture. Refer to Resistors & Capacitors Section of the Supplement Catalog 7 under Effects of Moisture on Resistors.

Resistance Ω	Other	Part Number	MI ^a	Codes ^b		
				ND	Cost	ST
30. k		303-0303-00	Y		.060	CR
33. k		303-0333-00	Y		.060	CR
36. k		303-0363-00	Y	U	.072	CR
39. k		303-0393-00	Y		.153	CS
43. k		303-0433-00	Y		.060	CR
47. k		303-0473-00	Y		.072	CR
47. k	Carbon Composition Only	303-0473-02	Y			DL
51. k		303-0513-00	Y		.160	CS
56. k		303-0563-00	Y		.090	CR
62. k		303-0623-00	Y		.096	CS
68.		303-0683-00	Y		.060	CR
75. k		303-0753-00	Y		.090	CR
75. k	Carbon Composition Only	303-0753-01	Y	U	.095	CS
82. k		303-0823-00	Y		.060	CR
91. k		303-0913-00	Y		.110	CS
100. k		303-0104-00	Y		.060	CR
100. k	Carbon Composition Only	303-0104-02	Y	U	.100	CR
110. k		303-0114-00			.117	CS
130. k		303-0134-00	Y		.160	CS
150. k		303-0154-00	Y		.060	CR
160. k	Card Pack Only	303-0164-00			.071	CS
180. k		303-0184-00	Y		.060	CR
200. k		303-0204-00 ^c			.090	CR
220. k		303-0224-00	Y		.060	CR
240. k		303-0244-00			.062	CS
270. k		303-0274-00			.062	CS
300. k		303-0304-00	Y		.060	CR
330. k		303-0334-00	Y		.062	CS
360. k		303-0364-00	Y		.095	CS
390. k		303-0394-00	Y			OB
430. k		303-0434-00	Y		.062	CS
470. k		303-0474-00				DL
510. k		303-0514-00			.089	CS
560. k		303-0564-00			.062	CS
620. k		303-0624-00			.066	CS
680. k		303-0684-00	Y		.103	CR
750. k		303-0754-00	Y		.079	CS
750	Carbon Composition Only	303-0754-01	Y	U	.085	CS
820. k		303-0824-00	Y		.086	CS
910. k		303-0914-00	Y		.130	CS
1. M		303-0105-00	Y		.060	CR
1.1 M		303-0115-00			.062	CS
1.2 M		303-0125-00				DL
1.3 M		303-0135-00			.079	CS
1.5 M		303-0155-00	Y		.095	CR

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^a Machine Insertable.

^b The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

^c Safety controlled.

CARBON (FILM AND COMPOSITION) (cont)**1 W 5% 303-XXXX-XX (cont)****BEWARE**

These components may not operate within specified nominal tolerance limits, because of the effects of moisture. Refer to Resistors & Capacitors Section of the Supplement Catalog 7 under Effects of Moisture on Resistors.

Resistance Ω	Other	Part Number	MI ^a	Codes ^b		
				ND	Cost	ST
1.6 M		303-0165-00			.101	CS
1.8 M		303-0185-00				OB
2. M		303-0205-00				OB
2.2 M		303-0225-00				OB
2.4 M		303-0245-00				OB
2.7 M		303-0275-00			.085	CS
3. M		303-0305-00	Y		.120	CS
3.3 M		303-0335-00	Y			OB
3.6 M		303-0365-00	Y		.123	CS
3.9 M		303-0395-00	Y		.062	CS
4.3 M		303-0435-00	Y		.062	CS
4.7 M		303-0475-00	Y	U	.290	OT
5.6 M		303-0565-00	Y	U	.095	CS
6.2 M		303-0625-00			.062	CS
6.8 M		303-0685-00	Y		.340	OT
7.5 M		303-0755-00	Y		.062	CS
8.2 M		303-0825-00	Y		.062	CS
9.1 M		303-0915-00	Y		.062	CS
10. M		303-0106-00			.120	CS
11. M		303-0116-00			.062	CS
12. M		303-0126-00				DL
13. M		303-0136-00			.062	CS
15. M		303-0156-00			.062	CS
16. M		303-0166-00			.062	CS
18. M		303-0186-00			.062	CS
20. M		303-0206-00			.062	CS
22. M		303-0226-00			.062	CS

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^a Machine Insertable.

^b The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

CARBON (FILM AND COMPOSITION) (cont)

1 W 10% 304-XXXX-XX

BEWARE

These components may not operate within specified nominal tolerance limits, because of the effects of moisture. Refer to Resistors & Capacitors Section of the Supplement Catalog 7 under Effects of Moisture on Resistors.

Resistance Ω	Other	Part Number	MI ^a	Codes ^b		
				ND	Cost	ST
10.	Card Pack Only	304-0100-00			.085	CS
10.		304-0100-01				DL
12.		304-0120-00	Y			OB
15.		304-0150-00			.130	CS
18.		304-0180-00	Y		.085	CR
22.	Allen-Bradley Only	304-0220-00			.035	CS
27.	Card Pack Only	304-0270-00			.085	CR
27.	Card Pack Only	304-0270-01			.054	CS
33.	Card Pack Only	304-0330-00				OB
36.		304-0360-00				DL
39.		304-0390-00				OB
47.		304-0470-00	Y		.085	CR
56.		304-0560-00	Y		.055	CS
68.	Card Pack Only	304-0680-00			.103	CR
82.		304-0820-00	Y			OB
100.	Card Pack Only	304-0101-00	Y		.085	CR
100.		304-0101-01				DL
120.		304-0121-00				OB
150.		304-0151-00	Y		.081	CS
180.		304-0181-00	Y		.083	CR
220.		304-0221-00			.055	CS
270.		304-0271-00			.078	CS
270.	Card Pack Only	304-0271-01			.054	CS
330.	Card Pack Only	304-0331-00			.085	CR
390.		304-0391-00	Y		.085	CR
470.		304-0471-00	Y			OB
560.		304-0561-00	Y			OB
680.		304-0681-00	Y	U	.078	CR
680.	Card Pack Only	304-0681-01				OB
820.		304-0821-00	Y		.035	CS
1. k		304-0102-00	Y		.085	CR
1.2 k		304-0122-00	Y		.085	CR
1.5 k		304-0152-00	Y		.085	CR
1.8 k		304-0182-00				OB
2.2 k		304-0222-00			.035	CS
2.2 k	Card Pack Only	304-0222-01				OB
2.7 k		304-0272-00	Y		.081	CR
3.3 k		304-0332-00				OB
3.9 k		304-0392-00	Y		.078	CS
4.7 k	Card Pack Only	304-0472-00			.078	CS
5.6 k		304-0562-00		U	.073	CS
6.8 k		304-0682-00			.035	CS
8.2 k		304-0822-00	Y		.077	CR
10. k		304-0103-00	Y		.056	CS
12. k		304-0123-00	Y		.055	CS

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^a Machine insertable.

^b The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

CARBON (FILM AND COMPOSITION) (cont)

1 W 10% 304-XXXX-XX (cont)

BEWARE

These components may not operate within specified nominal tolerance limits, because of the effects of moisture. Refer to Resistors & Capacitors Section of the Supplement Catalog 7 under Effects of Moisture on Resistors.

Resistance Ω	Other	Part Number	MI ^a	Codes ^b		
				ND	Cost	ST
15. k	Card Pack Only	304-0153-00	Y		.085	OT
18. k		304-0183-00				OB
22. k		304-0223-00	Y		.085	CR
27. k		304-0273-00			.085	CR
33. k		304-0333-00			.074	CS
39. k	Card Pack Only	304-0393-00	Y		.160	CR
47. k		304-0473-00			.085	CR
56. k		304-0563-00			.035	CS
68. k		304-0683-00	Y		.085	CR
82. k		304-0823-00	Y		.055	CS
100. k	Carbon Composition Only	304-0104-00	Y		.073	CS
120. k		304-0124-00			.074	CS
150. k		304-0154-00	Y		.085	CR
150. k		304-0154-01				DL
180. k		304-0184-00	Y		.064	CR
220. k	Card Pack Only	304-0224-00			.083	CS
270. k		304-0274-00			.080	CS
330. k		304-0334-00				OB
390. k		304-0394-00				OB
470. k		304-0474-00			.035	CS
560. k		304-0564-00	Y		.073	CR
680. k		304-0684-00			.035	CS
820. k		304-0824-00	Y		.078	CR
1. M		304-0105-00	Y			NP
1.2 M		304-0125-00	Y			OB
1.5 M		304-0155-00	Y			OB
1.8 M		304-0185-00	Y			OB
2.2 M		304-0225-00	Y		.150	CS
2.7 M		304-0275-00	Y			DL
3.3 M		304-0335-00	Y		.035	CS
3.9 M	Allen-Bradley Only	304-0395-00				OB
4.7 M		304-0475-00	Y			OB
5.6 M		304-0565-00				OB
6.8 M		304-0685-00	Y			OB
8.2 M		304-0825-00				OB
10. M	Card Pack Only Carbon Composition Only	304-0106-00	Y		.085	CS
10. M		304-0106-01				DL
10. M		304-0106-02				DL
12. M		304-0126-00			.035	CS
15. M		304-0156-00	Y			OB
18. M		304-0186-00	Y		.035	CS
22. M		304-0226-00	Y		.035	CS

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^a Machine insertable.

^b The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

CARBON (FILM AND COMPOSITION) (cont)

2 W 5% 305-XXXX-XX

BEWARE

These components may not operate within specified nominal tolerance limits, because of the effects of moisture. Refer to Resistors & Capacitors Section of the Supplement Catalog 7 under Effects of Moisture on Resistors.

Resistance Ω	Other	Part Number	MI ^a	Codes ^b		
				ND	Cost	ST
11.		305-0110-00			.101	CS
12.	Allen-Bradley Only	305-0120-00			.166	CR
13.	Allen-Bradley Only	305-0130-00			.151	CR
15.		305-0150-00			.101	CS
16.		305-0160-00			.101	CS
18.		305-0180-00				DL
20.		305-0200-00			.101	CS
22.		305-0220-00			.101	CS
24.	Allen-Bradley Only	305-0240-00		U	.174	CR
27.		305-0270-00	Y		.172	CR
30.		305-0300-00			.260	CS
33.	Allen-Bradley Only	305-0330-00			.174	CR
36.		305-0360-00	Y	A	.174	CR
39.		305-0390-00			.101	CS
43.		305-0430-00			.101	CS
47.		305-0470-00	Y		.180	CR
51.	Card Pack Only	305-0510-00			.188	CR
56.		305-0560-00	Y		.180	CR
62.		305-0620-00			.174	CS
68.		305-0680-00	Y		.170	CR
75.		305-0750-00	Y		.176	CR
82.		305-0820-00			.101	CS
91.		305-0910-00				OB
100.		305-0101-00	Y		.174	CR
100.	Carbon Composition Only	305-0101-02		U	.061	CS
110.		305-0111-00			.101	CS
120.		305-0121-00			.230	CR
130.		305-0131-00			.101	CS
150.		305-0151-00	Y		.137	CR
160.		305-0161-00			.101	CS
180.		305-0181-00				DL
200.	Allen-Bradley Only	305-0201-00		U	.150	CS
220.	Allen-Bradley Only	305-0221-00		U	.174	CR
240.		305-0241-00			.260	CS
270.		305-0271-00	Y		.190	CR
300.		305-0301-00	Y	U	.137	CS
330.		305-0331-00				DL
360.		305-0361-00		U	.137	CS
390.		305-0391-00				OB
430.		305-0431-00	Y	U	.155	CR
470.		305-0471-00	Y	A	.137	CR
510.		305-0511-00				DL
560.		305-0561-00			.260	CS
620.		305-0621-00			.176	CS
680.		305-0681-00				OB

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^a Machine insertable.

^b The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

CARBON (FILM AND COMPOSITION) (cont)

2 W 5% 305-XXXX-XX (cont)

BEWARE

These components may not operate within specified nominal tolerance limits, because of the effects of moisture. Refer to Resistors & Capacitors Section of the Supplement Catalog 7 under Effects of Moisture on Resistors.

Resistance Ω	Other	Part Number	MI ^a	Codes ^b		
				ND	Cost	ST
750.	Allen-Bradley Only	305-0751-00	Y		.180	CR
820.		305-0821-00	Y	U	.137	CR
910.		305-0911-00				OB
1. k		305-0102-00		U	.137	CR
1.1 k		305-0112-00				OB
1.2 k		305-0122-00				OB
1.3 k		305-0132-00			.101	CS
1.5 k		305-0152-00	Y		.165	CR
1.6 k		305-0162-00			.201	CS
1.8 k		305-0182-00	Y		.188	CR
2. k		305-0202-00	Y			OB
2.2 k		305-0222-00			.101	CS
2.4 k		305-0242-00	Y		.188	CR
2.7 k		305-0272-00			.101	CS
3. k		305-0302-00			.101	CS
3.3 k		305-0332-00			.205	CS
3.6 k		305-0362-00			.101	CS
3.9 k		305-0392-00				DL
4.3 k		305-0432-00			.134	CS
4.7 k		305-0472-00				DL
5.1 k		305-0512-00	Y		.174	CR
5.6 k		305-0562-00				OB
6.2 k		305-0622-00			.101	CS
6.8 k		305-0682-00	Y		.188	CR
7.5 k		305-0752-00	Y	U	.188	CR
8.2 k		305-0822-00	Y		.134	CR
9.1 k		305-0912-00				OB
10. k		305-0103-00			.166	CR
11. k		305-0113-00		U	.188	CR
12. k		305-0123-00	Y		.188	CR
13. k	Allen-Bradley Only Card Pack Only	305-0133-00			.101	CS
15. k		305-0153-00	Y	U	.176	CR
16. k		305-0163-00			.225	CR
18. k		305-0183-00	Y		.188	CR
20. k		305-0203-00	Y		.188	OT
22. k		305-0223-00	Y		.172	CR
24. k		305-0243-00	Y		.174	CR
27. k		305-0273-00	Y		.188	CS
30. k		305-0303-00	Y		.190	CR
33. k		305-0333-00	Y		.137	CR
36. k	Card Pack Only	305-0363-00	Y		.190	CR
39. k		305-0393-00	Y		.149	CS
43. k		305-0433-00	Y		.153	CR
47. k		305-0473-00	Y		.188	CR
51. k		305-0513-00			.101	CS

Note: Not all values are available at Tektronix, but have pre-assigned numbers and should be treated as a new part. Check for status as listed above in tables, or in screening report.

^a Machine Insertable.

^b The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

CARBON (FILM AND COMPOSITION) (cont)

2 W 5% 305-XXXX-XX (cont)

BEWARE

These components may not operate within specified nominal tolerance limits, because of the effects of moisture. Refer to Resistors & Capacitors Section of the Supplement Catalog 7 under Effects of Moisture on Resistors.

Resistance Ω	Other	Part Number	MI ^a	Codes ^b		
				ND	Cost	ST
56. k	Allen-Bradley Only	305-0563-00	Y	U	.149	CR
62. k		305-0623-00	Y		.101	CS
68. k		305-0683-00			.137	CS
75. k		305-0753-00			.172	CS
82. k		305-0823-00	Y		.153	CS
82. k	Allen-Bradley Only	305-0823-01	Y	U	.174	CS
91. k		305-0913-00			.137	CS
100. k		305-0104-00	Y		.174	CR
110. k		305-0114-00			.172	CR
120. k		305-0124-00	Y		.172	CR
130. k		305-0134-00		Y	.101	CS
150. k		305-0154-00	Y		.155	CR
160. k		305-0164-00			.183	CS
180. k		305-0184-00			.174	CS
200. k		305-0204-00	Y		.188	CR
220. k	Card Pack Only	305-0224-00			.137	CS
240. k		305-0244-00			.101	CS
270. k		305-0274-00			.220	CS
330. k		305-0334-00			.188	CR
360. k		305-0364-00			.101	CS
CR				Y		
390. k		305-0394-00			.101	CS
430. k		305-0434-00			.228	CS
470. k		305-0474-00			.101	CS
510. k		305-0514-00			.101	CS
560. k	Card Pack Only	305-0564-00			.302	CS
620. k		305-0624-00			.101	CS
680. k		305-0684-00			.101	CS
750. k		305-0754-00			.101	CS
820. k		305-0824-00			.101	CS
910. k		305-0914-00			.101	CS
1. M		305-0115-00		Y	.101	CS
1.2 M		305-0125-00	Y		.173	CR
1.3 M		305-0135-00			.101	CS
1.5 M		305-0155-00			.101	CS
1.6 M		305-0165-00			.101	CS
1.8 M		305-0185-00	Y	U	.174	CR
2. M		305-0205-00			.101	CS
2.2 M		305-0225-00			.101	CS
2.4 M		305-0245-00			.101	CS
2.7 M		305-0275-00			.101	CS
3. M	Card Pack Only	305-0305-00			.101	CS
3.3 M		305-0335-00			.225	CR
3.6 M		305-0365-00			.225	CR
3.9 M		305-0395-00			.230	CS
4.3 M		305-0435-00			.101	CS

Note: Not all values are available at Tektronix, but have pre-assigned numbers and should be treated as a new part. Check for status as listed above in tables, or in screening report.

^a Machine insertable.

^b The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

CARBON (FILM AND COMPOSITION) (cont)**2 W 5% 305-XXXX-XX (cont)****BEWARE**

These components may not operate within specified nominal tolerance limits, because of the effects of moisture. Refer to Resistors & Capacitors Section of the Supplement Catalog 7 under Effects of Moisture on Resistors.

Resistance Ω	Other	Part Number	MI ^a	Codes ^b		
				ND	Cost	ST
4.7 M	Carbon Composition Only	305-0475-00	Y		.225	CR
5.1 M		305-0515-00			.260	CS
5.6 M		305-0565-00	Y	U	.174	CS
5.6 M		305-0565-01		U	.176	CS
6.2 M		305-0625-00			.101	CS
6.8 M	Carbon Composition Only	305-0685-00	Y		.176	CR
7.5 M		305-0755-00	Y		.161	OT
7.5 M		305-0755-01		U	.172	CS
8.2 M		305-0825-00	Y		.155	OT
9.1 M		305-0915-00			.150	CS
10. M	Card Pack Only	305-0106-00			.101	CS
11. M		305-0116-00			.101	CS
12. M		305-0126-00			.101	OT
13. M		305-0136-00			.101	CS
15. M		305-0156-00			.225	CR
16. M		305-0166-00			.101	CS
18. M		305-0186-00			.101	CS
20. M		305-0206-00			.101	CS
22. M		305-0226-00	Y	A	.200	OT

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^a Machine insertable.

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CARBON (FILM AND COMPOSITION) (cont)

2 W 10% 306-XXXX-XX

BEWARE

These components may not operate within specified nominal tolerance limits, because of the effects of moisture. Refer to Resistors & Capacitors Section of the Supplement Catalog 7 under Effects of Moisture on Resistors.

Resistance Ω	Other	Part Number	MI ^a	Codes ^b		
				ND	Cost	ST
10.		306-0100-00	Y		.190	CR
12.		306-0120-00			.058	CS
15.		306-0150-00	Y		.139	CR
18.		306-0180-00	Y		.142	CR
22.		306-0220-00				OB
27.		306-0270-00				OB
33.		306-0330-00				OB
39.	Allen-Bradley Only	306-0390-00			.058	CS
47.		306-0470-00			.058	CS
56.		306-0560-00	Y		.142	CS
68.		306-0680-00				OB
82.	Card Pack Only	306-0820-00			.150	CR
100.	Card Pack Only	306-0101-00			.150	CR
120.	Card Pack Only	306-0121-00			.150	CR
150.		306-0151-00				OB
180.		306-0181-00	Y		.094	CS
220.		306-0221-00	Y		.094	CS
270.		306-0271-00				OB
330.		306-0331-00	Y		.190	CS
390.		306-0391-00			.280	CS
470.	Card Pack Only	306-0471-00			.150	CR
560.		306-0561-00			.109	CS
680.		360-0681-00				OB
820.		306-0821-00				OB
1. k		306-0102-00	Y		.136	CR
1. k	Carbon Composition Only	306-0102-01				DL
1.2 k		306-0122-00				OB
1.5 k		306-0152-00				OB
1.8 k		306-0182-00			.058	CS
2.2 k		306-0222-00				OB
2.7 k		306-0272-00	Y	U	.142	CS
3.3 k		306-0332-00			.155	CS
3.9 k		306-0392-00			.058	CS
4.7 k		306-0472-00	Y		.121	CS
4.7 k	Carbon Composition Only	306-0472-01				DL
5.6 k		306-0562-00				OB
6.8 k		306-0682-00				OB
8.2 k		306-0822-00	Y		.058	CR
10. k		306-0103-00	Y			OB
10. k	Carbon Composition Only	306-0103-01				DL
12. k		306-0123-00			.091	CS
15. k		306-0153-00			.058	CS
18. k		306-0183-00				OB
22. k		306-0223-00				OB
27. k		306-0273-00	Y		.139	CS

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^a Machine insertable.

^b The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

CARBON (FILM AND COMPOSITION) (cont)**2 W 10% 306-XXXX-XX (cont)****BEWARE**

These components may not operate within specified nominal tolerance limits, because of the effects of moisture. Refer to Resistors & Capacitors Section of the Supplement Catalog 7 under Effects of Moisture on Resistors.

Resistance Ω	Other	Part Number	MI ^a	Codes ^b		
				ND	Cost	ST
33. k	Card Pack Only Carbon Composition Only	306-0333-00	Y	U	.058	CS
39. k		306-0393-00			.150	OT
47. k		306-0473-00			.190	CS
47. k		306-0473-01				DL
56. k		306-0563-00			.058	CS
68. k	Card Pack Only	306-0683-00	Y	U	.058	CS
82. k		306-0823-00			.058	CS
100. k		306-0104-00			.150	CR
120. k		306-0124-00			.190	CS
150. k		306-0154-00			.139	CR
180. k	Card Pack Only	306-0184-00	Y	U		OB
220. k		306-0224-00			.150	CR
270. k		306-0274-00				OB
330. k		306-0334-00			.150	CR
390. k		306-0394-00				OB
470. k	Card Pack Only	306-0474-00	Y	U	.098	CS
560. k		306-0564-00				DL
680. k		306-0684-00			.150	CR
820. k		306-0824-00			.150	CR
1. M		306-0105-00			.058	OB
1.2 M	Card Pack Only	306-0125-00	Y	U	.094	CS
1.5 M		306-0155-00			.142	CS
1.8 M		306-0185-00			.058	CS
2.2 M		306-0225-00			.141	CR
2.7 M		306-0275-00			.058	CS
3.3 M	Card Pack Only	306-0335-00	Y	U	.075	CS
3.9 M		306-0395-00			.141	CR
4.7 M		306-0475-00			.180	CR
5.6 M		306-0565-00				OB
6.8 M		306-0685-00			.058	CS
8.2 M		306-0825-00	Y	U	.094	CS
10. M		306-0106-00			.094	CS
12. M		306-0126-00				OB
15. M		306-0156-00				OB
18. M		306-0186-00				DL
22. M		306-0226-00	Y	U	.058	CS
27. M		306-0276-00				DL
33. M		306-0336-00				DL

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^a Machine insertable.

^b The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

CARBON (FILM AND COMPOSITION) (cont)

307-XXXX-XX

BEWARE

These components may not operate within specified nominal tolerance limits, because of the effects of moisture. Refer to Resistors & Capacitors Section of the Supplement Catalog 7 under Effects of Moisture on Resistors.

Resistance Ω	Tol $\pm\%$	Watts	Other	Part Number	MI ^a	Codes ^b		
						ND	Cost	ST
.5	5	.5		307-0755-00	Y	A	.007	CR
1.	5	.25		307-0889-00		A	.302	CR
1.2	5	.5		307-0093-00	Y		.048	CR
1.8	5	.5		307-0937-00		A	.011	CR
2.2	5	.25		307-0659-00		A	.004	CR
2.7	5	.25		307-0103-00	Y	A	.037	CR
2.7	5	.25	Card Pack Only	307-0103-01				OB
2.7	5	.5	Carbon Composition Only	307-0051-01	Y			DL
2.7	5	.5		307-0051-00	Y		.048	CR
2.7	5	1.		307-0590-00	Y	A	.123	CR
2.7	5	1.	Carbon Composition Only	307-0590-01	Y	A	.113	CR
2.7	10	.5		307-0024-00	Y		.045	CR
2.7	10	1.	Card Pack	307-0007-00	Y		.102	CS
3.	5	.25	Card Pack	307-0110-00	Y		.038	CR
3.	5	.5		307-0052-00		A	.072	CR
3.3	5	.25		307-0104-00		U	.004	CR
3.3	5	.25	Card Pack Only	307-0104-01				DL
3.3	5	.5		307-0053-00			.063	CR
3.3	5	1.		307-0048-00				DL
3.3	5	1.		307-0015-00		A	.101	CS
3.3	10	.5		307-0025-00		U	.020	CS
3.6	5	.25	Card Pack	307-0111-00	Y		.049	CR
3.6	5	.25	Card Pack Only	307-0111-01				OB
3.6	5	.5	Card Pack Only	307-0054-00	Y		.063	CR
3.9	5	.25		307-0105-00	Y		.045	CR
3.9	5	.5		307-0055-00	Y	U	.048	CR
3.9	5	1.		307-0004-00	Y	A	.094	CS
3.9	10	.5		307-0049-00				OB
3.9	10	1.		307-0035-00				DL
4.3	5	.25	Card Pack	307-0112-00	Y		.043	CR
4.3	5	.5		307-0056-00	Y	U	.072	CR
4.7	5	.25		307-0106-00	Y		.049	CR
4.7	5	.25	Carbon Composition Only	307-0106-02				DL
4.7	5	.5	Carbon Composition Only	307-0892-00		A	.066	CR
4.7	5	1.	Carbon Composition Only	307-0893-00		A	.095	CR
4.7	10	.5		307-0023-00	Y		.041	CR
4.7	10	1.		307-0009-00	Y		.098	CR
5.1	5	.25		307-0113-00	Y		.004	CR
5.1	5	.5		307-0057-00	Y		.086	CR
5.6	5	.25		307-0107-00 ^c	Y		.050	CR
5.6	5	.25	Card Pack Only	307-0107-01				DL
5.6	5	.5		307-0058-00	Y		.063	CR
5.6	5	.5	Carbon Composition Only	307-0058-01			.065	CR
5.6	10	.5		307-0050-00				DL
6.2	5	.25		307-0114-00	Y		.049	CR

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^a Machine insertable.

^b The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

^c Safety controlled.

CARBON (FILM AND COMPOSITION) (cont)

307-XXXX-XX (cont)

BEWARE

These components may not operate within specified nominal tolerance limits, because of the effects of moisture. Refer to Resistors & Capacitors Section of the Supplement Catalog 7 under Effects of Moisture on Resistors.

Resistance Ω	Tol $\pm\%$	Watts	Other	Part Number	MI ^a	Codes ^b		
						ND	Cost	ST
6.2	5	.25	Card Pack Only	307-0114-01	Y			DL
6.2	5	.5	Card Pack Only	307-0059-00	Y		.063	CR
6.2	5	.5	Allen-Bradley Only	307-0059-01				DL
6.8	5	.25		307-0108-00	Y		.050	CR
6.8	5	.25		307-0589-00	Y	A	.008	CR
6.8	5	.5		307-0060-00	Y		.041	CS
6.8	10	.5		307-0033-00				OB
6.8	10	1.		307-0036-00			.077	CR
7.5	5	.25	Card Pack	307-0115-00	Y		.047	CR
7.5	5	.25	Card Pack Only	307-0115-01				DL
7.5	5	.5		307-0061-00	Y	U	.062	CR
8.2	5	.25	Card Pack Only	307-0109-00	Y		.050	CR
8.2	5	.5		307-0062-00	Y		.063	CR
8.2	10	.5		307-0034-00			.019	CS
8.2	10	1.		307-0037-00				DL
9.1	5	.25		307-0116-00	Y		.038	CR
9.1	5	.5		307-0063-00	Y		.068	CS
9.1	5	1.		307-0047-00				DL
50.	1	1.	Disk Shaped	307-0086-00			2.060	CR
50.	1	3.	Disk Shaped	307-0068-00			2.900	CS
50.5	1	1.	Disk Shaped	307-0128-00			1.660	CS
54.	.5	.5	Disk Shaped	307-0132-00			1.740	CR
55.5	1	1.		307-0129-00				OB
62.5	1	1.	Disk Shaped	307-0130-00				OB
75.	1	1.	Disk Shaped	307-0082-00			1.990	CS
86.7	1	1.	Disk Shaped	307-0084-00				OB
93.	1	1.	Disk Shaped	307-0085-00				OB
100.	1	.25		307-1426-01			.680	EN
100.	1	1.	Disk Shaped	307-0131-00				OB
100.	20	.125		307-0008-00			.065	CS
5. k	1	3.		307-1534-00				EN
68. k	10	.125		307-0006-00	Y			OB
150. k	10	.1		307-0014-00				OB
10. M	.5	.5		307-1264-00			1.190	CR
13. M	.5	.5		307-1265-00			1.010	CR
15. M	20	.5	Card Pack Only	307-0005-01			.019	CS

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^a Machine insertable.

^b The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

SECTION 2

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Note: The wattage rating for a particular resistor listed in the catalog may vary from the wattage rating marked on the resistor body. The reason is that a particular resistor may have been designed at 40°C for example and specified at 25°C; the lower specified temperature (25°C) would cause the wattage rating to be higher than the wattage rating at which the resistor was designed (40°C).

In the Resistor & Capacitor Section of the Supplement Catalog 7, you will find the following information:

Resistors, Fixed - Application Notes
Metal Film
Color Band Information
Temperature Characteristic Code
Standard Resistance Values
Rating/Stability Nomograph
Nomograph Used to Determine Resistor's Stability
Effects of Moisture on Resistors
Precision Resistors Performance
Resistor Voltage Ratings
Resistor Design Tolerance

CATALOG WRITER: CAROLE JACK, 629-3029

METAL FILM .125 WATT

Resistance Ω	Tol \pm %	TC ^a	Part Number	MI ^b	Codes ^c		
					ND	Cost	ST
10.	1.	T0	321-0001-00	Y		.015	CR
10.	.5	T0	321-0001-01	Y		.036	CR
10.1	1.	T0	321-0654-00	Y		.012	CR
10.2	1.	T0	321-0002-00	Y		.020	CR
10.3	1.	T0	321-0655-00	Y			OB
10.5	1.	T0	321-0003-00	Y		.026	CR
10.7	1.	T0	321-0004-00	Y		.027	CS
11.	1.	T0	321-0005-00	Y		.015	CR
11.3	1.	T0	321-0006-00	Y		.020	CR
11.5	1.	T0	321-0007-00	Y		.027	CR
11.8	1.	T0	321-0008-00	Y		.020	CR
12.	.1	T2	321-1008-04	Y		.085	CR
12.1	1.	T0	321-0009-00	Y		.027	CS
12.4	1.	T0	321-0010-00	Y		.015	CR
12.5	.5	T0	321-0809-01	Y			DL
12.7	1.	T0	321-0011-00	Y		.015	CR
13.	1.	T0	321-0012-00	Y		.027	CR
13.3	1.	T0	321-0013-00	Y		.015	CR
13.7	1.	T0	321-0014-00	Y		.020	CR
14.	1.	T0	321-0015-00	Y		.039	CS
14.3	1.	T0	321-0016-00	Y		.015	OT
14.7	1.	T0	321-0017-00	Y		.027	CS
15.	1.	T0	321-0018-00	Y		.021	CR
15.4	1.	T0	321-0019-00	Y		.013	CR
15.8	1.	T0	321-0020-00	Y		.015	CR
16.	.5	T0	321-1020-01	Y		.036	CR
16.2	1.	T0	321-0021-00	Y		.015	CR
16.2	.25	T2	321-0021-03	Y	A	.085	CR
16.5	1.	T0	321-0022-00	Y		.015	CR
16.5	.5	T0	321-0022-01	Y		.042	CS
16.9	1.	T0	321-0023-00	Y			DL
16.9	.5	T0	321-0023-01	Y		.030	CR
17.4	1.	T0	321-0024-00	Y		.015	CR
17.8	1.	T0	321-0025-00	Y		.015	CR
18.2	1.	T0	321-0026-00	Y		.210	CR
18.7	1.	T0	321-0027-00	Y		.015	CR
19.1	1.	T0	321-0028-00	Y		.027	CR
19.6	1.	T0	321-0029-00	Y		.027	CR
20.	1.	T0	321-0030-00	Y		.015	CR
20.	.5	T2	321-0030-02	Y		.045	CR
20.	.25	T2	321-0030-03	Y		.085	CR
20.	.1	T2	321-0030-04	Y		.249	CR
20.	.1	T9	321-0030-07	Y			DL
20.1	.5	T0	321-0762-01	Y		.030	CR
20.2	.5	T0	321-0740-01	Y			OB
20.5	1.	T0	321-0031-00	Y		.020	CS
21.	1.	T0	321-0032-00	Y		.015	CR
21.3	1.	T0	321-0656-00	Y			OB
21.5	1.	T0	321-0033-00	Y		.015	CR
22.1	1.	T0	321-0034-00	Y		.015	CR
22.6	1.	T0	321-0035-00	Y		.020	CR
23.2	1.	T0	321-0036-00	Y		.120	CR
23.7	1.	T0	321-0037-00	Y		.015	CR
23.85	.25	T2	321-1663-03	Y		.078	CR
24.	.5	T2	321-1037-02	Y			OB
24.2	.5	T0	321-0943-01	Y		.040	CR
24.3	1.	T0	321-0038-00	Y		.021	CR
24.9	1.	T0	321-0039-00	Y		.015	CR
25.5	1.	T0	321-0040-00	Y		.015	CR
26.1	1.	T0	321-0041-00	Y		.012	CR
26.7	1.	T0	321-0042-00	Y		.015	CR
27.4	1.	T0	321-0043-00	Y		.015	CR
28.	1.	T0	321-0044-00	Y		.015	CR
28.7	1.	T0	321-0045-00	Y		.015	CR
29.4	1.	T0	321-0046-00	Y		.015	CR
30.	1.	T0	321-0713-00	Y		.015	CR
30.	.25	T2	321-0702-00	Y		.090	CR
30.	.5	T0	321-0713-01	Y			OB
30.1	1.	T0	321-0047-00	Y		.015	CR
30.9	1.	T0	321-0048-00	Y		.015	CR
31.6	1.	T0	321-0049-00	Y		.015	CR
32.4	1.	T0	321-0050-00	Y		.015	CR
32.4	.5	T0	321-0050-01	Y		.036	CS
33.2	1.	T0	321-0051-00	Y		.015	CR
33.2	.5	T0	321-0051-01	Y			DL
34.	.5	T0	321-0052-01	Y			DL
34.	1.	T0	321-0052-00	Y		.015	CR
34.5	.25	T9	321-0806-06	Y		.205	CS
34.5	1.	T0	321-0806-00	Y			DL
34.8	1.	T0	321-0053-00	Y		.015	CR
34.8	.5	T2	321-0053-02	Y		.045	CR
35.7	1.	T0	321-0054-00	Y		.015	CR
35.78	.25	T2	321-1680-03	Y		.085	CS
36.5	1.	T0	321-0055-00	Y		.015	CR
36.5	.5	T0	321-0055-01	Y			DL
37.4	1.	T0	321-0056-00	Y		.015	CR
37.5	.25	T2	321-0793-03	Y		.085	CR
37.5	.1	T9	321-0793-07	Y		.085	CR
37.9	.5	T0	321-1056-01	Y		.040	CR
38.3	1.	T0	321-0057-00	Y		.015	CR
39.2	1.	T0	321-0058-00	Y		.021	CR
39.7	.5	T0	321-1058-01	Y			DL
39.7	1.	T0	321-1058-00	Y			DL
40.	.25	T2	321-0782-03	Y		.108	CS
40.2	1.	T0	321-0059-00	Y		.015	CR
40.2	.5	T2	321-0059-02	Y			DL
40.2	.1	T9	321-0059-07	Y		.085	CR
40.5	.25	T2	321-0952-03	Y		.085	CR
40.9	.5	T0	321-0741-01	Y	U	.036	CR
40.9	.5	T2	321-0741-02	Y		.045	CR

^a Refer to the Resistor & Capacitor Section of the Supplement Catalog (#7), under Temperature Characteristics Code for more information on TC (Temperature Coefficient.)

^b Machine insertable.

^c The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

METAL FILM .125 WATT (cont)

Resistance Ω	Tol \pm %	TC ^a	Part Number	MI ^b	Codes ^c			Resistance Ω	Tol \pm %	TC ^a	Part Number	MI ^b	Codes ^c		
					ND	Cost	ST						ND	Cost	ST
40.91	.25	T9	321-0752-06	Y		.085	CR	67.3	.5	T0	321-1080-01	Y		.063	CS
41.2	1.	T0	321-0060-00	Y	A	.015	CR	67.5	.25	T2	321-0794-03	Y		.085	CR
42.2	1.	T0	321-0061-00	Y		.015	CR	68.1	1.	T0	321-0081-00	Y		.015	CR
43.2	1.	T0	321-0062-00	Y	A	.015	CR	68.8	.25	T2	321-1664-03	Y	U	.112	CR
43.2	.5	T0	321-0062-01	Y		.058	CS	69.4	1.	T0	321-0658-00	Y			OB
44.2	1.	T0	321-0063-00	Y		.015	CR	69.8	1.	T0	321-0082-00	Y	U	.015	CR
45.3	1.	T0	321-0064-00	Y		.015	CR	69.8	.5	T2	321-0082-02	Y		.045	CR
46.4	1.	T0	321-0065-00	Y		.015	CR	71.5	1.	T0	321-0083-00	Y		.026	CR
47.5	1.	T0	321-0066-00	Y		.021	CR	73.2	1.	T0	321-0084-00	Y		.015	CR
47.5	.5	T0	321-0066-01	Y		.030	CR	73.2	.5	T0	321-0084-01	Y			OB
48.7	1.	T0	321-0067-00	Y		.015	CR	75.	1.	T0	321-0085-00	Y		.015	CR
49.5	.5	T0	321-0909-01	Y		.030	CR	75.	.5	T0	321-0085-01	Y		.030	CR
49.9	1.	T0	321-0068-00	Y		.015	CR	75.	.25	T2	321-0085-03	Y		.085	CR
49.9	.25	T2	321-0068-03	Y		.085	OT	75.	.1	T9	321-0085-07	Y		.085	CR
50.	.5	T0	321-0771-01	Y		.030	CR	76.8	1.	T0	321-0086-00	Y		.015	CR
50.	.25	T2	321-0771-03	Y		.085	CR	78.7	1.	T0	321-0087-00	Y		.015	CR
50.	.25	T9	321-0751-06	Y		.085	CR	78.86	.25	T2	321-1679-03	Y		.108	CS
50.5	1.	T0	321-1068-00	Y			DL	79.26	.25	T2	321-1674-03	Y		.108	CS
50.5	.5	T0	321-1068-01	Y		.030	CR	79.6	.5	T0	321-1087-01	Y		.040	CR
50.5	.5	T2	321-1068-02	Y		.095	CR	80.	1.	T0	321-0607-00	Y		.021	CR
50.5	.1	T9	321-1068-07	Y		.085	CR	80.6	1.	T0	321-0088-00	Y		.015	CR
50.8	1.	T0	321-0825-00	Y			DL	80.6	1.	T9	321-0088-09	Y		.250	CS
50.8	.25	T2	321-0825-03	Y		.112	CR	81.	.25	T2	321-0953-03	Y	U	.090	CR
51.1	1.	T0	321-0069-00	Y		.015	CR	82.5	1.	T0	321-0089-00	Y		.015	CR
51.4	.1	T9	321-1647-07	Y		.085	CR	83.5	1.	T0	321-1089-00	Y			DL
52.3	1.	T0	321-0070-00	Y		.015	CR	83.8	.5	T0	321-0944-01	Y		.037	CR
52.6	.25	T2	321-1668-03	Y		.085	CR	84.	.1	T9	321-0819-07	Y		.095	CR
52.84	.25	T2	321-1670-03	Y		.090	CR	84.5	1.	T0	321-0090-00	Y		.015	CR
53.6	1.	T0	321-0071-00	Y		.015	CR	86.6	1.	T0	321-0091-00	Y		.021	CR
54.9	1.	T0	321-0072-00	Y		.015	CR	86.6	.25	T2	321-0091-03	Y		.104	CR
55.	.1	T9	321-0810-07	Y		.085	CR	88.2	.5	T2	321-0803-02	Y			OB
55.5	.25	T9	321-0750-06	Y		.145	CR	88.7	1.	T0	321-0092-00	Y		.015	CR
56.2	1.	T0	321-0073-00	Y		.026	CR	88.8	.25	T9	321-0890-06	Y		.145	CS
56.3	.1	T9	321-0811-07	Y		.085	CR	90.	.1	T9	321-0895-07	Y		.085	CR
56.8	.5	T2	321-0802-02	Y			OB	90.9	1.	T0	321-0093-00	Y		.015	CR
57.6	1.	T0	321-0074-00	Y		.015	CR	90.9	.5	T0	321-0093-01	Y		.036	CR
59.	1.	T0	321-0075-00	Y		.015	CR	91.	1.	T0	321-0968-00	Y			DL
60.	1.	T0	321-0657-00	Y		.021	CR	93.1	1.	T0	321-0094-00	Y		.020	CR
60.	.5	T2	321-0804-02	Y		.075	CS	93.1	.25	T2	321-0094-03	Y		.091	CS
60.	.1	T9	321-0657-07	Y	A	.085	CR	95.3	1.	T0	321-0095-00	Y		.015	CR
60.	.5	T0	321-0704-00	Y		.030	CR	95.3	.5	T0	321-0095-01	Y			OB
60.4	1.	T0	321-0076-00	Y		.015	CR	97.6	1.	T0	321-0096-00	Y		.021	CR
60.4	.5	T0	321-0076-01	Y			DL	98.	.5	T2	321-0907-02	Y			OB
61.9	1.	T0	321-0077-00	Y		.021	CR	99.	.1	T9	321-1699-07	Y		.100	CS
63.	.5	T2	321-0772-02	Y		.045	CR	100.	1.	T0	321-0097-00	Y		.010	CR
63.4	1.	T0	321-0078-00	Y		.015	CR	100.	.5	T2	321-0636-00	Y		.045	CR
63.4	.5	T0	321-0078-01	Y		.030	CR	100.	.25	T2	321-0097-03	Y		.085	CR
64.9	1.	T0	321-0079-00	Y		.015	CR	100.	.1	T9	321-0097-07	Y		.085	CR
66.5	1.	T0	321-0080-00	Y		.015	CR	100.	1.	T9	321-0097-09	Y		.090	CR
66.5	.5	T0	321-0080-01	Y		.030	CS	101.	.25	T2	321-1097-03	Y		.085	CR

^a Refer to the Resistor & Capacitor Section of the Supplement Catalog (#7), under Temperature Characteristics Code for more information on TC (Temperature Coefficient.)

^b Machine insertable.

^c The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

METAL FILM .125 WATT (cont)

Resistance Ω	Tol \pm %	TC ^a	Part Number	MI ^b	Codes ^c		
					ND	Cost	ST
102.	1.	T0	321-0098-00	Y	A	.010	CR
102.	.5	T0	321-0098-01	Y		.030	CR
103.2	.25	T2	321-1675-03	Y		.104	CS
105.	1.	T0	321-0099-00	Y		.010	CR
105.3	.5	T2	321-0797-02	Y		.840	CS
107.	1.	T0	321-0100-00	Y		.010	CR
110.	1.	T0	321-0101-00	Y		.010	CR
111.	.1	T9	321-1101-07	Y		DL	
113.	1.	T0	321-0102-00	Y		.010	CR
114.9	.5	T2	321-0798-02	Y		OB	
115.	1.	T0	321-0103-00	Y		.010	CR
116.1	.25	T2	321-1667-03	Y		.090	CR
116.7	.25	T2	321-0940-03	Y		.090	CS
118.	1.	T0	321-0104-00	Y		.010	CR
118.	.5	T0	321-0104-01	Y		.030	CR
120.3	.5	T0	321-0714-01	Y			OB
121.	1.	T0	321-0105-00	Y		.010	CR
122.2	.25	T2	321-0939-03	Y		.085	CR
124.	1.	T0	321-0106-00	Y		.019	CR
125.	.1	T9	321-0927-07	Y		.085	CR
126.	1.	T2	321-1106-08	Y	U	.033	CR
127.	1.	T0	321-0107-00	Y		.010	CR
127.	.5	T0	321-0107-01	Y		OB	
130.	.5	T0	321-0108-01	Y		DL	
130.	1.	T0	321-0108-00	Y		.010	CR
133.	1.	T0	321-0109-00	Y		.010	CR
133.3	.5	T0	321-1708-01	Y		.039	CS
137.	1.	T0	321-0110-00	Y		.010	CR
139.	1.	T0	321-0659-00	Y		.030	PP
140.	1.	T0	321-0111-00	Y		.010	CR
143.	1.	T0	321-0112-00	Y		.010	CR
146.8	.5	T2	321-0799-02	Y		.045	CR
147.	1.	T0	321-0113-00	Y		.010	CR
147.	.5	T0	321-0113-01	Y		DL	
150.	1.	T0	321-0114-00	Y		.009	CR
150.	.5	T0	321-0114-01	Y		.054	CR
150.	.25	T2	321-0114-03	Y		.092	CR
150.	.1	T9	321-0114-07	Y		.095	CR
153.8	.25	T2	321-1666-03	Y		.078	CR
154.	1.	T0	321-0115-00	Y		.012	CR
156.	1.	T0	321-1115-00	Y			DL
158.	1.	T0	321-0116-00	Y		.012	CR
158.	1.	T9	321-0116-09	Y		.060	CR
162.	1.	T0	321-0117-00	Y		.010	CR
162.5	.25	T2	321-0954-03	Y		.085	CR
165.	1.	T0	321-0118-00	Y		.010	CR
165.	.1	T2	321-0118-04	Y		.085	CR
169.	1.	T0	321-0119-00	Y		.010	CR
174.	1.	T0	321-0120-00	Y		.010	CR
174.2	.25	T2	321-1678-03	Y		.108	CS
178.	1.	T0	321-0121-00	Y			
178.2	.1	T9	321-0801-07	Y			
180.	.5	T0	321-1121-01	Y			
182.	1.	T0	321-0122-00	Y			
182.	.1	T9	321-0122-07	Y			
184.6	.5	T2	321-0800-02	Y			
187.	1.	T0	321-0123-00	Y			
191.	1.	T0	321-0124-00	Y			
196.	1.	T0	321-0125-00	Y			
196.	.5	T0	321-0125-01	Y			
200.	1.	T0	321-0126-00	Y		.010	CR
200.	.5	T0	321-0126-01	Y		.030	CR
200.	.25	T2	321-0126-03	Y		.085	CR
200.	.25	T9	321-0126-06	Y		.170	CR
200.	.1	T9	321-0126-07	Y		.085	CR
202.	.5	T2	321-0829-02	Y		.060	CR
202.	.25	T2	321-0829-03	Y			DL
202.	.1	T9	321-0829-07	Y		.170	CR
204.	.25	T2	321-0930-03	Y		.085	CR
205.	1.	T0	321-0127-00	Y		.012	CR
205.	.5	T0	321-0127-01	Y		.030	CR
210.	1.	T0	321-0128-00	Y		.010	CR
210.	.5	T0	321-0128-01	Y			DL
215.	1.	T0	321-0129-00	Y		.010	CR
221.	1.	T0	321-0130-00	Y		.010	CR
221.	.25	T2	321-0130-03	Y		.078	CR
226.	1.	T0	321-0131-00	Y		.009	CR
230.7	.25	T2	321-1676-03	Y		.085	CR
232.	1.	T0	321-0132-00	Y		.010	CR
237.	1.	T0	321-0133-00	Y		.010	CR
237.	1.	T9	321-0133-09	Y			DL
240.	.5	T2	321-1133-02	Y		.045	CR
243.	1.	T0	321-0134-00	Y		.010	CR
243.	.2	T2	321-0134-02	Y		.045	PP
247.5	.25	T2	321-0938-03	Y		.090	CS
249.	1.	T0	321-0135-00	Y		.010	CR
250.	.5	T2	321-0928-02	Y		.075	CR
250.	.25	T2	321-0928-03	Y		.085	CR
250.	.1	T9	321-0928-07	Y		.085	CR
255.	1.	T0	321-0136-00	Y		.012	CR
255.	.5	T0	321-0136-01	Y			OB
261.	1.	T0	321-0137-00	Y		.010	CR
267.	1.	T0	321-0138-00	Y		.010	CR
268.	.5	T0	321-0945-01	Y		.037	CR
270.	.5	T0	321-0843-01	Y		.030	CS
274.	1.	T0	321-0139-00	Y		.010	CR
280.	1.	T0	321-0140-00	Y		.010	CR
287.	1.	T0	321-0141-00	Y		.010	CR
289.	.25	T2	321-0916-03	Y		.098	CR
294.	1.	T0	321-0142-00	Y		.010	CR
300.	.25	T2	321-0808-03	Y		.090	CR

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METAL FILM .125 WATT (cont)

Resistance Ω	Tol \pm %	TC ^a	Part Number	MI ^b	Codes ^c			Resistance Ω	Tol \pm %	TC ^a	Part Number	MI ^b	Codes ^c		
					ND	Cost	ST						ND	Cost	ST
300.	.1	T9	321-0808-07	Y	A	.085	CR	455.	.1	T9	321-0812-07	Y		.085	CR
301.	1.	T0	321-0143-00	Y		.010	CR	464.	1.	T0	321-0161-00	Y		.010	CR
301.	.25	T2	321-0143-03	Y		.112	CR	475.	1.	T0	321-0162-00	Y		.010	CR
301.	.1	T9	321-0143-07	Y		.170	CR	480.	.1	T9	321-0609-07	Y		.085	CR
301.5	1.	T0	321-0715-00	Y			DL	480.	1.	T0	321-0609-00	Y			DL
301.5	.5	T0	321-0715-01	Y			OB	485.	.5	T0	321-0708-01	Y			OB
307.	.5	T2	321-0910-02	Y			OB	487.	1.	T0	321-0163-00	Y		.010	CR
309.	1.	T0	321-0144-00	Y		.010	CR	495.	.1	T9	321-0813-07	Y		.085	CR
310.	.5	T2	321-0906-02	Y			OB	499.	1.	T0	321-0164-00	Y		.010	CR
316.	1.	T0	321-0145-00	Y	A	.010	CR	499.	.5	T2	321-0164-02	Y		.045	CR
316.	.5	T0	321-0145-01	Y		.030	CR	499.	.25	T2	321-0164-03	Y		.104	CS
320.	1.	T2	321-1145-08	Y		.035	CR	499.	1.	T2	321-0164-08	Y		.010	CR
324.	1.	T0	321-0146-00	Y		.010	CR	500.	1.	T0	321-0612-00	Y		.030	CR
331.5	.25	T2	321-1677-03	Y		.108	CS	500.	.5	T0	321-0612-01	Y			OB
332.	1.	T0	321-0147-00	Y		.010	CR	500.	.5	T2	321-0612-02	Y		.450	OT
335.6	.5	T2	321-0796-02	Y			DL	500.	.25	T2	321-0612-03	Y		.090	CR
335.6	.1	T9	321-0814-07	Y		.231	CR	500.	.1	T9	321-0612-07	Y		.085	CR
340.	1.	T0	321-0148-00	Y		.010	CR	500.5	.1	T9	321-0961-07	Y		.085	CR
340.	.5	T0	321-0148-01	Y			OB	505.	1.	T2	321-1164-08	Y			OB
340.	.1	T9	321-0148-07	Y			DL	509.	.5	T0	321-0946-01	Y		.037	CR
348.	1.	T0	321-0149-00	Y		.010	CR	510.	1.	T0	321-0860-00	Y		.028	CR
357.	1.	T0	321-0150-00	Y		.010	CR	510.	.5	T2	321-0860-02	Y			DL
360.	.5	T0	321-0857-01	Y		.060	CR	511.	1.	T0	321-0165-00	Y		.010	CR
365.	1.	T0	321-0151-00	Y		.010	CR	511.	.5	T0	321-0165-01	Y			OB
373.3	.1	T9	321-0818-07	Y		.085	CR	513.	1.	T0	321-0960-00	Y			DL
374.	1.	T0	321-0152-00	Y		.010	CR	513.	.1	T9	321-0960-07	Y		.085	CR
377.	.5	T2	321-0662-00	Y			OB	523.	1.	T0	321-0166-00	Y		.010	CR
383.	1.	T0	321-0153-00	Y		.010	CR	530.	.5	T0	321-1166-01	Y		.030	CR
383.	.1	T9	321-0153-07	Y		.060	CR	536.	1.	T0	321-0167-00	Y	A	.010	CR
392.	1.	T0	321-0154-00	Y		.010	CR	549.	1.	T0	321-0168-00	Y		.010	CR
397.	1.	T2	321-1154-08	Y		.041	CR	549.	.5	T2	321-0168-02	Y		.045	CR
400.	.25	T2	321-0773-03	Y		.085	CR	550.	.1	T9	321-1611-07	Y		.085	CR
400.	.1	T9	321-0773-07	Y		.100	CR	562.	1.	T0	321-0169-00	Y		.010	CR
402.	1.	T0	321-0155-00	Y		.010	CR	576.	1.	T0	321-0170-00	Y		.010	CR
402.	.5	T2	321-0155-02	Y		.072	CR	583.	.25	T2	321-1170-03	Y		.045	CR
402.	1.	T9	321-0155-09	Y		.060	CR	585.8	.1	T9	321-1739-07	Y		.095	CR
405.	.1	T2	321-1629-04	Y		.125	CR	590.	1.	T0	321-0171-00	Y		.010	CR
407.	.5	T2	321-1155-02	Y		.045	CR	590.	1.	T9	321-0171-09	Y		.060	CR
408.	.25	T2	321-0912-03	Y		.085	CR	600.	1.	T0	321-0661-00	Y		.010	CR
412.	1.	T0	321-0156-00	Y		.010	CR	604.	1.	T0	321-0172-00	Y		.010	CR
414.2	.1	T9	321-1738-07	Y		.085	CR	604.	.5	T2	321-0172-02	Y		.075	CR
417.	1.	T0	321-0660-00	Y		.012	CR	606.	1.	T0	321-0716-00	Y			DL
417.	.25	T2	321-0660-03	Y		.085	CR	606.	.5	T0	321-0716-01	Y		.068	CS
422.	1.	T0	321-0157-00	Y		.010	CR	619.	1.	T0	321-0173-00	Y		.010	CR
432.	1.	T0	321-0158-00	Y	A	.010	CR	619.	.5	T0	321-0173-01	Y		.036	CR
442.	1.	T0	321-0159-00	Y		.010	CR	626.	.25	T2	321-1173-03	Y		.085	CR
442.	1.	T2	321-0159-08	Y		.033	CR	634.	1.	T0	321-0174-00	Y		.010	CR
450.	1.	T0	321-0749-00	Y			DL	634.	.5	T0	321-0174-01	Y		.036	CR
450.	.25	T9	321-0749-06	Y		.085	CR	649.	1.	T0	321-0175-00	Y		.010	CR
453.	1.	T0	321-0160-00	Y		.010	CR	650.4	.25	T9	321-0650-00	Y		.085	CR

^a Refer to the Resistor & Capacitor Section of the Supplement Catalog (#7), under Temperature Characteristics Code for more information on TC (Temperature Coefficient.)

^b Machine insertable.

^c The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

METAL FILM .125 WATT (cont)

Resistance Ω	Tol ± %	TC ^a	Part Number	MI ^b	Codes ^c			Resistance Ω	Tol ± %	TC ^a	Part Number	MI ^b	Codes ^c		
					ND	Cost	ST						ND	Cost	ST
665.	1.	T0	321-0176-00	Y		.010	CR	1. k	.5	T2	321-0193-02	Y		.045	CR
667.	.5	T2	321-0980-01	Y		.030	CR	1. k	.25	T2	321-0193-03	Y		.078	CR
673.7	.5	T0	321-1657-01	Y		.040	CS	1. k	.1	T9	321-0193-07	Y		.085	CR
681.	1.	T0	321-0177-00	Y		.010	CR	1. k	1.	T2	321-0193-08	Y			OB
681.	.5	T2	321-0177-02	Y	A	.070	CR	1.001 k	.1	T9	321-0735-07	Y		.110	CR
698.	1.	T0	321-0178-00	Y		.010	CR	1.012 k	.25	T2	321-0619-00	Y	U	.092	CR
715.	1.	T0	321-0179-00	Y		.010	CR	1.02 k	1.	T0	321-0194-00	Y		.010	CR
720.	.1	T9	321-1765-07	Y		.220	CR	1.02 k	1.	T2	321-0194-08	Y			OB
732.	1.	T0	321-0180-00	Y		.010	CR	1.05 k	1.	T0	321-0195-00	Y		.010	CR
732.	.25	T2	321-0180-03	Y		.115	CR	1.05 k	.5	T2	321-0195-02	Y		.045	CR
750.	1.	T0	321-0181-00	Y		.010	CR	1.07 k	1.	T0	321-0196-00	Y		.010	CR
750.	.5	T2	321-0181-02	Y		.240	CR	1.07 k	.1	T9	321-0196-07	Y		.085	CR
768.	1.	T0	321-0182-00	Y		.010	CR	1.07 k	.5	T2	321-0663-00	Y		.072	CR
768.	1.	T9	321-0182-09	Y		.079	CR	1.1 k	1.	T0	321-0197-00	Y	A	.010	CR
786.	.25	T9	321-0729-06	Y		.170	CR	1.1 k	.5	T2	321-0197-02	Y		.045	CR
787.	1.	T0	321-0183-00	Y		.010	CR	1.1 k	1.	T2	321-0197-08	Y		.033	CR
787.	.5	T2	321-0183-02	Y			OB	1.107 k	.25	T2	321-0919-03	Y		.085	CR
800.	.5	T0	321-1709-01	Y		.036	CR	1.11 k	.25	T2	321-0931-03	Y		.085	CR
806.	1.	T0	321-0184-00	Y		.010	CR	1.111 k	.1	T9	321-1718-07	Y		.116	CR
823.	.25	T2	321-0955-03	Y		.085	CR	1.12 k	.1	T9	321-0763-07	Y		.085	CR
825.	1.	T0	321-0185-00	Y	A	.010	CR	1.13 k	1.	T0	321-0198-00	Y	A	.010	CR
825.	.1	T9	321-0185-07	Y		.220	PP	1.15 k	1.	T0	321-0199-00	Y		.010	CR
825.	1.	T9	321-0185-09	Y		.073	CR	1.15 k	.25	T2	321-0199-03	Y		.085	CR
829.	.5	T2	321-0911-02	Y		.045	CS	1.15 k	.25	T9	321-0199-06	Y		.085	CR
841.	.25	T2	321-1645-03	Y		.085	CR	1.15 k	.1	T9	321-0199-07	Y		.220	CR
845.	1.	T0	321-0186-00	Y		.010	CR	1.18 k	1.	T0	321-0200-00	Y	A	.012	CR
866.	1.	T0	321-0187-00	Y		.008	CR	1.21 k	1.	T0	321-0201-00	Y	A	.010	CR
866.	.1	T9	321-1766-07	Y		.220	CR	1.21 k	.1	T9	321-0201-07	Y		.220	CR
887.	.5	T0	321-0188-01	Y			DL	1.21 k	1.	T9	321-0201-09	Y		.060	CR
887.	1.	T0	321-0188-00	Y		.009	CR	1.224 k	1.	T0	321-0717-00	Y			DL
887.	1.	T2	321-0188-08	Y			OB	1.224 k	.5	T0	321-0717-01	Y			OB
887.	1.	T9	321-0188-09	Y		.060	CR	1.24 k	1.	T0	321-0202-00	Y	A	.010	CR
898.	.25	T9	321-1188-06	Y		.085	CR	1.24 k	.25	T2	321-0202-03	Y		.085	CR
900.	.1	T9	321-0754-07	Y		.098	CR	1.24 k	.1	T9	321-1771-07	Y		.220	CR
909.	1.	T0	321-0189-00	Y		.010	CR	1.24 k	1.	T9	321-0202-09	Y		.060	CR
931.	1.	T0	321-0190-00	Y		.010	CR	1.27 k	1.	T0	321-0203-00	Y		.010	CR
931.	.5	T0	321-0190-01	Y			DL	1.28 k	.5	T0	321-0947-01	Y		.036	CR
931.	.25	T2	321-0190-03	Y		.092	CR	1.291 k	.1	T9	321-0915-07	Y		.085	CR
931.	1.	T9	321-0190-09	Y		.090	CS	1.3 k	1.	T0	321-0204-00	Y		.010	CR
949.2	.5	T2	321-0795-02	Y			DL	1.31 k	.5	T2	321-0908-02	Y		.045	CR
949.2	.1	T9	321-0817-07	Y		.200	CR	1.33 k	1.	T0	321-0205-00	Y		.010	CR
953.	1.	T0	321-0191-00	Y		.010	CR	1.33 k	.5	T0	321-0205-01	Y		.036	CR
953.	1.	T9	321-0191-09	Y		.033	CR	1.37 k	1.	T0	321-0206-00	Y		.012	CR
969.	.5	T0	321-0765-01	Y		.030	CR	1.37 k	.5	T2	321-0206-02	Y		.045	CR
974.8	.5	T2	321-0805-02	Y			OB	1.4 k	1.	T0	321-0207-00	Y		.010	CR
976.	1.	T0	321-0192-00	Y		.010	CR	1.4 k	.1	T9	321-0207-07	Y		.085	CR
988.	.5	T0	321-1192-01	Y			OB	1.43 k	1.	T0	321-0208-00	Y		.010	CR
995.	.25	T2	321-1665-03	Y		.090	CR	1.466 k	.5	T0	321-0737-01	Y			OB
1. k	1.	T0	321-0193-00	Y	A	.010	CR	1.47 k	1.	T0	321-0209-00	Y	A	.010	CR
1. k	.5	T0	321-0193-01	Y		.030	CR	1.485 k	.5	T0	321-0738-01	Y		.040	CS

^a Refer to the Resistor & Capacitor Section of the Supplement Catalog (#7), under Temperature Characteristics Code for more information on TC (Temperature Coefficient.)

^b Machine insertable.

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METAL FILM .125 WATT (cont)

Resistance Ω	Tol \pm %	TC ^a	Part Number	MI ^b	Codes ^c			Resistance Ω	Tol \pm %	TC ^a	Part Number	MI ^b	Codes ^c		
					ND	Cost	ST						ND	Cost	ST
1.485 k	.1	T2	321-0738-04	Y	A	.140	CR	2.05 k	.1	T9	321-0223-07	Y	A	.148	CR
1.492 k	.25	T2	321-1681-03	Y		.090	CR	2.056 k	.1	T9	321-1614-07	Y		.198	CR
1.5 k	.1	T9	321-0210-07	Y		.009	CR	2.1 k	1.	T0	321-0224-00	Y		.010	CR
1.5 k	1.	T0	321-0210-00	Y		.010	CR	2.12 k	1.	T0	321-0821-00	Y		.010	CR
1.52 k	.5	T0	321-1210-01	Y		.040	CR	2.12 k	.1	T9	321-0821-07	Y		.220	CR
1.54 k	1.	T0	321-0211-00	Y	A	.010	CR	2.141 k	.25	T2	321-0601-00	Y	A	.085	CR
1.56 k	1.	T9	321-1211-09	Y		.060	CR	2.15 k	1.	T0	321-0225-00 ^d	Y		.010	CR
1.56 k	.5	T2	321-0664-00	Y		.045	CR	2.15 k	.5	T0	321-0225-01	Y		.030	CR
1.58 k	1.	T0	321-0212-00	Y		.010	CR	2.15 k	.25	T9	321-0225-06	Y		.085	CR
1.58 k	.1	T9	321-0212-07	Y		.220	CR	2.16 k	.5	T2	321-0665-00	Y			OB
1.62 k	1.	T0	321-0213-00	Y	A	.010	CR	2.162 k	.1	T9	321-1684-07	Y	A	.085	CR
1.62 k	.25	T2	321-0213-03	Y		.085	CR	2.17 k	.1	T9	321-1768-07	Y			DL
1.62 k	.1	T9	321-0213-07	Y		.220	CR	2.19 k	.25	T2	321-0649-00	Y		.090	CR
1.65 k	1.	T0	321-0214-00	Y		.010	CR	2.19 k	.25	T9	321-0703-00	Y		.155	CR
1.674 k	.25	T2	321-0956-03	Y		.085	CR	2.21 k	1.	T0	321-0226-00	Y		.010	CR
1.68 k	.5	T0	321-0739-01	Y	A	.030	CR	2.21 k	.5	T2	321-0226-02	Y	A	.070	CR
1.69 k	1.	T0	321-0215-00	Y		.010	CR	2.22 k	.25	T2	321-0913-03	Y		.085	CR
1.74 k	1.	T0	321-0216-00	Y		.010	CR	2.22 k	.1	T9	321-0913-07	Y		.140	CR
1.75 k	.5	T2	321-1613-02	Y		.045	CR	2.25 k	.5	T2	321-1616-02	Y		.240	CR
1.76 k	.25	T2	321-1216-03	Y		.078	CR	2.26 k	1.	T0	321-0227-00	Y		.010	CR
1.76 k	.25	T9	321-0822-06	Y	A	.085	CR	2.26 k	1.	T9	321-0227-09	Y	A	.033	CR
1.78 k	1.	T0	321-0217-00	Y		.010	CR	2.32 k	1.	T0	321-0228-00	Y		.010	CR
1.78 k	.25	T2	321-0217-03	Y		.092	CS	2.32 k	1.	T9	321-0228-09	Y		.090	CR
1.8 k	1.	T0	321-0641-00	Y		.030	CS	2.34 k	.1	T9	321-1228-07	Y		.087	CR
1.8 k	.5	T0	321-0641-01	Y		.030	CR	2.37 k	1.	T0	321-0229-00	Y		.010	CR
1.8 k	.1	T9	321-0641-07	Y	A	.098	CR	2.386 k	.25	T2	321-1704-03	Y	A	.085	CR
1.82 k	1.	T0	321-0218-00	Y		.010	CR	2.4 k	.25	T2	321-0828-03	Y			OB
1.84 k	1.	T0	321-1218-00	Y			OB	2.4 k	.1	T9	321-0828-07	Y		.220	CR
1.85 k	.1	T9	321-1775-07	Y		.220	CR	2.41 k	.25	T2	321-0830-03	Y		.085	CR
1.851 k	.1	T9	321-1600-07	Y		.085	CR	2.41 k	.1	T9	321-0830-07	Y		.190	CR
1.86 k	1.	T2	321-1607-08	Y	A	.033	CR	2.43 k	1.	T0	321-0230-00	Y	A	.010	CR
1.87 k	1.	T0	321-0219-00	Y		.010	CR	2.49 k	1.	T0	321-0231-00	Y		.010	CR
1.87 k	.5	T2	321-0219-02	Y		.045	CR	2.49 k	.1	T9	321-0231-07	Y		.190	CR
1.87 k	.1	T9	321-0219-07	Y		.220	CR	2.5 k	.1	T9	321-0929-07	Y		.110	CR
1.87 k	1.	T9	321-0219-09	Y		.065	CR	2.5 k	1.	T0	321-0932-00	Y		.010	CR
1.88 k	.1	T9	321-1774-07	Y	A	.220	CR	2.5 k	.25	T2	321-0932-03	Y	U	.010	CR
1.89 k	.5	T0	321-0686-00	Y			DL	2.5 k	.1	T9	321-0932-07	Y			DL
1.89 k	.25	T9	321-0698-00	Y		.170	CR	2.51 k	.5	T0	321-0626-01	Y			OB
1.91 k	1.	T0	321-0220-00	Y		.010	CR	2.52 k	.5	T0	321-1231-01	Y		.090	CR
1.915 k	.1	T9	321-0998-07	Y		.085	CR	2.536 k	.5	T0	321-0721-01	Y		.060	CS
1.96 k	1.	T0	321-0221-00	Y	A	.010	CR	2.542 k	.5	T0	321-0710-01	Y	A	.030	CR
1.98 k	.5	T0	321-1221-01	Y			OB	2.55 k	1.	T0	321-0232-00	Y		.010	CR
2. k	1.	T0	321-0222-00	Y		.010	CR	2.61 k	1.	T0	321-0233-00	Y		.010	CR
2. k	.5	T0	321-0222-01	Y		.060	CR	2.61 k	.25	T2	321-0233-03	Y		.085	CR
2. k	.25	T2	321-0222-03	Y		.085	CR	2.62 k	.1	T9	321-1694-07	Y		.085	CR
2. k	.1	T9	321-0222-07	Y	A	.085	CR	2.67 k	1.	T0	321-0234-00	Y	A	.010	CR
2. k	1.	T9	321-0222-09	Y		.010	CR	2.67 k	.25	T2	321-0234-03	Y		.103	CS
2.02 k	.25	T2	321-1609-03	Y		.085	CR	2.71 k	.5	T2	321-1234-02	Y		.071	CR
2.02 k	.1	T9	321-1609-07	Y			DL	2.74 k	1.	T0	321-0235-00	Y		.010	CR
2.05 k	1.	T0	321-0223-00	Y		.010	CR	2.74 k	.5	T2	321-0235-02	Y		.045	CR

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^b Machine insertable.

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^d Safety controlled.

METAL FILM .125 WATT (cont)

Resistance Ω	Tol ± %	TC ^a	Part Number	MI ^b	Codes ^c			Resistance Ω	Tol ± %	TC ^a	Part Number	MI ^b	Codes ^c		
					ND	Cost	ST						ND	Cost	ST
2.76 k	.1	T9	321-1764-07	Y		.220	CR	4.12 k	1.	T0	321-0252-00	Y	A	.010	CR
2.8 k	1.	T0	321-0236-00	Y		.110	CR	4.204 k	.25	T2	321-0770-03	Y		.103	CR
2.8 k	.25	T2	321-0236-03	Y		.115	CR	4.22 k	1.	T0	321-0253-00	Y		.010	CR
2.87 k	1.	T0	321-0237-00	Y		.010	CR	4.22 k	.1	T9	321-0253-07	Y			DL
2.89 k	.1	T9	321-1770-07	Y		.085	CR	4.22 k	1.	T2	321-0253-08	Y		.033	CR
2.94 k	1.	T0	321-0238-00	Y		.010	CR	4.227 k	.5	T0	321-0722-01	Y			OB
2.94 k	.1	T9	321-0238-07	Y		.220	CR	4.32 k	1.	T0	321-0254-00	Y		.010	CR
3.01 k	1.	T0	321-0239-00	Y	A	.010	CR	4.32 k	.1	T9	321-0254-07	Y		.260	CR
3.01 k	.25	T2	321-0239-03	Y		.115	CR	4.32 k	1.	T9	321-0254-09	Y		.060	CR
3.01 k	.1	T9	321-0239-07	Y		.085	CR	4.37 k	.25	T2	321-1254-03	Y		.090	CR
3.04 k	.5	T0	321-0666-00	Y		.045	CR	4.4 k	.25	T9	321-1712-06	Y		.085	CR
3.04 k	.1	T9	321-0666-07	Y		.140	CR	4.408 k	.25	T2	321-0957-03	Y		.085	CR
3.04 k	1.	T2	321-0666-08	Y		.033	CR	4.42 k	1.	T0	321-0255-00	Y	A	.010	CR
3.09 k	1.	T0	321-0240-00	Y		.010	CR	4.42 k	.1	T9	321-0255-07	Y		.220	CR
3.09 k	.5	T0	321-0240-01	Y		.030	CS	4.42 k	1.	T2	321-0255-08	Y		.030	CR
3.09 k	.1	T9	321-0240-07	Y			DL	4.455 k	.1	T9	321-1612-07	Y		.085	CR
3.15 k	.1	T9	321-1723-07	Y		.116	CR	4.48 k	1.	T2	321-0826-08	Y			OB
3.154 k	1.	T0	321-0718-00	Y			DL	4.5 k	1.	T0	321-0774-00	Y		.028	CR
3.154 k	.5	T0	321-0718-01	Y			OB	4.5 k	.25	T2	321-0774-03	Y		.085	CR
3.16 k	1.	T0	321-0241-00	Y		.008	CR	4.53 k	1.	T0	321-0256-00	Y		.010	CR
3.2 k	.1	T9	321-1772-07	Y			DL	4.53 k	.1	T9	321-0256-07	Y		.085	CR
3.24 k	1.	T0	321-0242-00	Y		.010	CR	4.53 k	1.	T9	321-0256-09	Y			DL
3.24 k	1.	T2	321-0242-08	Y		.033	CR	4.58 k	.5	T2	321-0922-02	Y		.045	CR
3.32 k	1.	T0	321-0243-00	Y		.010	CR	4.63 k	.5	T2	321-0668-00	Y		.045	CS
3.39 k	.1	T9	321-1722-07	Y		.173	CR	4.64 k	1.	T0	321-0257-00	Y		.010	CR
3.4 k	1.	T0	321-0244-00	Y	A	.010	CR	4.64 k	1.	T9	321-0257-09	Y		.060	CR
3.425 k	.5	T0	321-0823-01	Y		.040	CR	4.66 k	.5	T0	321-0902-01	Y		.030	CR
3.48 k	1.	T0	321-0245-00	Y	A	.010	CR	4.75 k	1.	T0	321-0258-00	Y		.010	CR
3.501 k	.25	T2	321-0776-03	Y		.078	CR	4.75 k	.5	T0	321-0258-01	Y		.012	CR
3.57 k	1.	T0	321-0246-00	Y		.010	CR	4.75 k	1.	T9	321-0258-09	Y		.060	CR
3.61 k	.25	T2	321-0827-03	Y		.085	CR	4.87 k	1.	T0	321-0259-00	Y		.010	CR
3.65 k	1.	T0	321-0247-00	Y		.012	CR	4.87 k	.25	T2	321-0259-03	Y		.085	CR
3.65 k	.1	T9	321-0247-07	Y		.220	CR	4.87 k	1.	T2	321-0259-08	Y		.048	CS
3.74 k	1.	T0	321-0248-00	Y		.012	CR	4.87 k	.5	T0	321-0969-01	Y		.036	CR
3.74 k	1.	T2	321-0248-08	Y		.033	CR	4.87 k	1.	T9	321-0259-09	Y		.083	CR
3.77 k	.5	T2	321-0667-00	Y		.024	CR	4.95 k	.25	T9	321-0748-06	Y		.085	CR
3.83 k	1.	T0	321-0249-00	Y		.010	CR	4.99 k	1.	T0	321-0260-00	Y	A	.010	CR
3.83 k	.1	T9	321-0249-07	Y		.085	CR	4.99 k	.5	T0	321-0260-01	Y		.060	CR
3.83 k	1.	T9	321-0249-09	Y		.070	CR	4.99 k	.5	T2	321-0260-02	Y			OB
3.88 k	1.	T0	321-1249-00	Y		.035	CR	4.99 k	.25	T2	321-0260-03	Y		.090	CR
3.908 k	.25	T2	321-0602-00	Y		.085	CR	4.99 k	1.	T2	321-0260-08	Y			OB
3.918 k	.1	T9	321-1695-07	Y			DL	4.99 k	1.	T9	321-0260-09	Y		.060	CR
3.92 k	1.	T0	321-0250-00	Y		.009	CR	5. k	1.	T0	321-0816-00	Y		.010	CR
3.92 k	.5	T0	321-0250-01	Y		.038	CR	5. k	.25	T2	321-0816-03	Y		.078	CR
4. k	.1	T9	321-0926-07	Y		.085	CR	5. k	.1	T9	321-0816-07	Y		.098	CR
4.02 k	1.	T0	321-0251-00	Y		.010	CR	5.03 k	1.	T0	321-0613-00	Y		.012	CR
4.02 k	.5	T0	321-0251-01	Y		.036	CR	5.03 k	.5	T0	321-0613-01	Y		.054	CS
4.053 k	1.	T0	321-0766-00	Y			DL	5.09 k	.5	T0	321-0764-01	Y		.030	CR
4.053 k	.25	T9	321-0766-06	Y		.096	CR	5.11 k	1.	T0	321-0261-00	Y		.010	CR
4.1 k	.1	T9	321-0815-07	Y		.085	CR	5.11 k	.5	T0	321-0629-00	Y		.030	CR

^a Refer to the Resistor & Capacitor Section of the Supplement Catalog (#7), under Temperature Characteristics Code for more information on TC (Temperature Coefficient.)

^b Machine insertable.

^c The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

METAL FILM .125 WATT (cont)

Resistance Ω	Tol \pm %	TC ^a	Part Number	MI ^b	Codes ^c			Resistance Ω	Tol \pm %	TC ^a	Part Number	MI ^b	Codes ^c		
					ND	Cost	ST						ND	Cost	ST
5.11 k	1.	T9	321-0261-09	Y		.060	CR	6.695 k	.1	T9	321-1762-07	Y		.220	CR
5.14 k	1.	T0	321-0777-00	Y		.085	CR	6.81 k	1.	T0	321-0273-00	Y		.010	CR
5.14 k	.25	T2	321-0777-03	Y		.085	CR	6.81 k	.5	T0	321-0630-00	Y		.036	CS
5.148 k	.25	T2	321-0778-03	Y		.085	CR	6.81 k	.5	T2	321-0670-00	Y		.045	CR
5.22 k	.1	T2	321-1701-04	Y		.120	CR	6.98 k	1.	T0	321-0274-00	Y		.010	CR
5.23 k	1.	T0	321-0262-00	Y		.010	CR	6.98 k	1.	T9	321-0274-09	Y			OB
5.23 k	.5	T0	321-0262-01	Y		.030	CR	7.02 k	.25	T2	321-0779-03	Y		.100	CR
5.23 k	.25	T2	321-0262-03	Y	U	.085	CR	7.04 k	.1	T9	321-1724-07	Y		.085	CR
5.31 k	.25	T2	321-1669-03	Y		.085	CR	7.15 k	1.	T0	321-0275-00	Y		.010	CR
5.36 k	1.	T0	321-0263-00	Y		.010	CR	7.32 k	1.	T0	321-0276-00	Y		.008	CR
5.36 k	1.	T9	321-0263-09	Y		.033	CR	7.32 k	.1	T9	321-0276-07	Y		.220	CR
5.42 k	.5	T2	321-1263-02	Y		.045	CR	7.32 k	1.	T9	321-0276-09	Y		.065	CR
5.45 k	.5	T0	321-0949-01	Y		.036	CR	7.5 k	1.	T0	321-0277-00	Y		.009	CR
5.49 k	1.	T0	321-0264-00	Y		.010	CR	7.5 k	.25	T2	321-0277-03	Y		.033	CR
5.49 k	.1	T9	321-0264-07	Y		.140	CR	7.5 k	1.	T2	321-0277-08	Y		.033	CR
5.49 k	1.	T2	321-0264-08	Y		.078	CR	7.65 k	.1	T9	321-1761-07	Y		.220	CR
5.52 k	.5	T2	321-0951-02	Y		.045	CR	7.68 k	1.	T0	321-0278-00	Y		.010	CR
5.55 k	.5	T2	321-1615-02	Y		.045	CR	7.68 k	.1	T9	321-0278-07	Y		.220	CR
5.56 k	.1	T9	321-1264-07	Y		.175	CR	7.68 k	1.	T9	321-0278-09	Y		.132	CS
5.62 k	1.	T0	321-0265-00	Y		.010	CR	7.77 k	.5	T0	321-0687-00	Y			OB
5.7 k	.1	T9	321-1682-07	Y		.098	CR	7.77 k	1.	T0	321-1754-00	Y			DL
5.703 k	.25	T9	321-0730-06	Y		.085	CR	7.87 k	1.	T0	321-0279-00	Y		.010	CR
5.76 k	1.	T0	321-0266-00	Y		.010	CR	7.96 k	1.	T0	321-0638-00	Y		.010	CR
5.85 k	.25	T9	321-1617-06	Y		.085	CR	8. k	.25	T2	321-0962-03	Y		.103	CR
5.88 k	1.	T0	321-0625-00	Y		.010	CR	8. k	.1	T9	321-0962-07	Y		.190	CR
5.9 k	1.	T0	321-0267-00	Y		.010	CR	8.06 k	1.	T0	321-0280-00	Y		.008	CR
5.9 k	.1	T9	321-0267-07	Y		.190	CR	8.25 k	1.	T0	321-0281-00	Y		.010	CR
5.97 k	1.	T0	321-1267-00	Y			DL	8.25 k	.5	T0	321-0281-01	Y		.038	CS
5.97 k	.25	T2	321-1267-03	Y		.085	CR	8.25 k	.25	T9	321-0281-06	Y		.085	CR
6. k	.1	T9	321-1696-07	Y		.085	CR	8.25 k	.1	T9	321-0281-07	Y		.100	CR
6.04 k	1.	T0	321-0268-00	Y		.010	CR	8.32 k	.1	T9	321-1649-07	Y		.085	CR
6.04 k	.25	T2	321-0268-03	Y		.085	CR	8.334 k	.1	T9	321-1619-07	Y		.085	CR
6.04 k	.1	T9	321-0268-07	Y		.220	CR	8.45 k	1.	T0	321-0282-00	Y	A	.010	CR
6.04 k	1.	T2	321-0268-08	Y		.033	CR	8.45 k	.25	T2	321-0620-00	Y		.090	CR
6.04 k	1.	T9	321-0268-09	Y		.060	CS	8.454 k	.5	T0	321-0723-01	Y			OB
6.08 k	.5	T2	321-0669-00	Y		.070	CR	8.51 k	.5	T2	321-0671-00	Y		.045	CR
6.19 k	1.	T0	321-0269-00	Y		.010	CR	8.66 k	1.	T0	321-0283-00	Y		.009	CR
6.34 k	1.	T0	321-0270-00	Y		.010	CR	8.66 k	1.	T2	321-0283-08	Y		.033	CR
6.34 k	.1	T9	321-0270-07	Y		.085	CR	8.76 k	.25	T2	321-1283-03	Y		.103	CR
6.34 k	.5	T0	321-0270-01	Y		.054	CR	8.76 k	.1	T9	321-1283-07	Y		.085	CR
6.49 k	1.	T0	321-0271-00	Y		.010	CR	8.87 k	1.	T0	321-0284-00	Y		.010	CR
6.5 k	.5	T2	321-1618-02	Y		.045	CR	8.87 k	.5	T2	321-0284-02	Y			OB
6.55 k	.1	T9	321-1767-07	Y		.220	CR	8.99 k	.1	T9	321-1650-07	Y		.085	CR
6.57 k	1.	T0	321-1271-00	Y		.015	CR	9. k	.25	T9	321-0753-06	Y		.085	CR
6.65 k	1.	T0	321-0272-00	Y	A	.010	CR	9.09 k	1.	T0	321-0285-00	Y	A	.010	CR
6.65 k	.1	T9	321-0272-07	Y		.085	CR	9.09 k	.5	T0	321-0285-01	Y		.030	CR
6.66 k	.25	T2	321-0933-03	Y		.078	CR	9.09 k	1.	T9	321-0285-09	Y		.060	CR
6.667 k	1.	T0	321-0719-00	Y			DL	9.262 k	.1	T9	321-1763-07	Y		.220	CR
6.667 k	.5	T0	321-0719-01	Y		.030	CR	9.31 k	1.	T9	321-0286-09	Y		.090	CR
6.667 k	.1	T9	321-0719-07	Y		.095	CR	9.31 k	1.	T0	321-0286-00	Y		.009	CR

^a Refer to the Resistor & Capacitor Section of the Supplement Catalog (#7), under Temperature Characteristics Code for more information on TC (Temperature Coefficient.)

^b Machine insertable.

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METAL FILM .125 WATT (cont)

Resistance Ω	Tol ± %	TC ^a	Part Number	MI ^b	Codes ^c			Resistance Ω	Tol ± %	TC ^a	Part Number	MI ^b	Codes ^c		
					ND	Cost	ST						ND	Cost	ST
9.31 k	.1	T9	321-0286-07	Y		.220	CR	11.5 k	1.	T9	321-0295-09	Y		.065	CR
9.41 k	.25	T2	321-0632-00	Y		.085	CR	11.7 k	.5	T0	321-1295-01	Y		.030	CR
9.428 k	.1	T9	321-1685-07	Y			OB	11.8 k	1.	T0	321-0296-00	Y		.009	CR
9.5 k	.5	T0	321-0758-01	Y		.030	CR	11.8 k	.25	T2	321-0296-03	Y			OB
9.522 k	.25	T2	321-0621-00	Y			DL	11.8 k	.1	T9	321-0296-07	Y		.085	CR
9.53 k	1.	T0	321-0287-00	Y		.010	CR	11.8 k	1.	T9	321-0296-09	Y		.060	CR
9.53 k	1.	T9	321-0287-09	Y		.080	CR	11.84 k	.5	T2	321-0742-02	Y			OB
9.6 k	1.	T0	321-0639-00	Y		.030	CR	11.87 k	.25	T2	321-1646-03	Y		.104	CS
9.673 k	.25	T2	321-0958-03	Y		.085	CR	11.94 k	.25	T2	321-0901-03	Y		.085	CR
9.76 k	1.	T0	321-0288-00	Y	A	.010	CR	11.95 k	.1	T9	321-0901-07	Y		.220	CR
9.8 k	.25	T2	321-0896-03	Y		.090	CR	12. k	.25	T2	321-1296-03	Y		.078	CR
9.88 k	.5	T0	321-1288-01	Y		.030	CR	12. k	.1	T9	321-1296-07	Y		.085	CR
9.88 k	1.	T9	321-1288-09	Y			DL	12.1 k	1.	T0	321-0297-00	Y	A	.010	CR
9.9 k	.5	T2	321-0637-00	Y		.045	CR	12.11 k	.1	T9	321-1631-07	Y		.095	CR
10. k	1.	T0	321-0289-00	Y		.010	CR	12.18 k	.1	T2	321-1711-04	Y		.085	CR
10. k	.5	T0	321-0289-01	Y		.030	CR	12.4 k	1.	T0	321-0298-00	Y	A	.010	CR
10. k	.5	T2	321-0289-02	Y	A	.070	CR	12.4 k	1.	T9	321-0298-09	Y		.060	CR
10. k	.25	T2	321-0289-03	Y		.085	CR	12.5 k	1.	T0	321-0631-00	Y		.010	CR
10. k	.25	T9	321-0289-06	Y		.088	CR	12.5 k	.25	T2	321-0631-03	Y		.092	CR
10. k	.1	T9	321-0289-07	Y		.098	CR	12.7 k	1.	T0	321-0299-00	Y	A	.010	CR
10. k	1.	T9	321-0289-09	Y		.065	CR	12.9 k	1.	T9	321-1299-09	Y		.100	CR
10.06 k	.5	T2	321-0736-02	Y		.240	CR	13. k	1.	T0	321-0300-00	Y		.010	CR
10.06 k	.1	T9	321-0736-07	Y		.100	CR	13.05 k	.25	T2	321-1702-03	Y		.085	CR
10.1 k	1.	T0	321-0614-00	Y		.035	CR	13.05 k	.1	T2	321-1705-04	Y		.085	CR
10.1 k	.5	T0	321-1289-01	Y		.030	CR	13.28 k	.1	T9	321-1687-07	Y		.085	CR
10.1 k	.25	T2	321-1289-03	Y		.085	CR	13.3 k	1.	T0	321-0301-00	Y	A	.010	CR
10.1 k	.1	T9	321-1289-07	Y		.098	CR	13.3 k	.5	T0	321-0301-01	Y			OB
10.2 k	1.	T0	321-0290-00	Y		.010	CR	13.3 k	.25	T2	321-0301-03	Y			DL
10.2 k	.1	T9	321-0290-07	Y		.085	CR	13.3 k	1.	T2	321-0301-08	Y			OB
10.44 k	.1	T2	321-1700-04	Y	A	.089	CR	13.33 k	.1	T9	321-1744-07	Y		.085	CR
10.5 k	1.	T0	321-0291-00	Y		.010	CR	13.48 k	.1	T9	321-1769-07	Y		.085	CR
10.5 k	1.	T9	321-0291-09	Y	U	.118	CR	13.6 k	.5	T0	321-0724-01	Y			OB
10.7 k	1.	T0	321-0292-00	Y		.010	CR	13.6 k	.25	T2	321-0724-03	Y		.085	CR
10.7 k	.25	T2	321-0292-03	Y		.085	CR	13.6 k	1.	T0	321-0724-00	Y		.010	CR
10.7 k	1.	T9	321-0292-09	Y		.060	CR	13.7 k	1.	T0	321-0302-00	Y	A	.010	CR
10.7 k	.1	T9	321-0292-07	Y		.085	CR	13.7 k	.25	T9	321-0302-06	Y		.145	CR
10.93 k	.1	T9	321-1620-07	Y		.085	CR	13.7 k	.1	T9	321-0302-07	Y		.220	PP
10.97 k	.1	T9	321-1686-07	Y		.173	CS	14. k	1.	T0	321-0303-00	Y		.010	CR
11. k	1.	T0	321-0293-00	Y		.010	CR	14. k	1.	T9	321-0303-09	Y		.060	CR
11. k	.25	T2	321-0293-03	Y	A	.085	CR	14.3 k	1.	T0	321-0304-00	Y		.010	CR
11.02 k	.5	T0	321-0978-01	Y		.030	CR	14.7 k	1.	T0	321-0305-00	Y		.010	CR
11.03 k	.1	T9	321-1643-07	Y		.085	CR	14.61 k	.1	T2	321-1603-04	Y		.085	CR
11.07 k	.5	T2	321-0921-02	Y		.045	CR	15. k	1.	T0	321-0306-00	Y	A	.010	CR
11.1 k	.5	T2	321-1293-02	Y		.045	CR	15. k	.5	T0	321-0306-01	Y		.030	CR
11.3 k	1.	T0	321-0294-00	Y	A	.010	CR	15. k	1.	T9	321-0306-09	Y		.065	CR
11.3 k	1.	T9	321-0294-09	Y		.079	CR	15. k	.5	T2	321-0684-00	Y		.084	CR
11.32 k	.25	T9	321-0731-06	Y		.085	CR	15. k	.25	T2	321-0603-00	Y		.092	CR
11.4 k	.5	T2	321-0672-00	Y			OB	15. k	.1	T9	321-0603-07	Y		.098	CR
11.5 k	1.	T0	321-0295-00	Y		.010	CR	15.24 k	.1	T9	321-1688-07	Y			DL
11.5 k	.1	T9	321-0295-07	Y		.140	CR	15.4 k	1.	T0	321-0307-00	Y		.010	CR

^a Refer to the Resistor & Capacitor Section of the Supplement Catalog (#7), under Temperature Characteristics Code for more information on TC (Temperature Coefficient.)

^b Machine insertable.

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METAL FILM .125 WATT (cont)

Resistance Ω	Tol \pm %	TC ^a	Part Number	MI ^b	Codes ^c			Resistance Ω	Tol \pm %	TC ^a	Part Number	MI ^b	Codes ^c		
					ND	Cost	ST						ND	Cost	ST
15.5 k	.25	T9	321-1630-06	Y		.150	CS	21.5 k	.1	T9	321-0321-07	Y		.085	CR
15.8 k	1.	T0	321-0308-00	Y		.010	CR	22.1 k	1.	T0	321-0322-00 ^d	Y	A	.010	CR
15.8 k	.25	T9	321-0651-00	Y		.085	CR	22.1 k	.25	T9	321-0643-00	Y		.095	CR
16.2 k	1.	T0	321-0309-00	Y		.010	CR	22.1 k	.1	T9	321-0643-07	Y		.260	CR
16.2 k	1.	T2	321-0309-08	Y			OB	22.2 k	.25	T2	321-1610-03	Y		.085	CR
16.26 k	.5	T2	321-0743-02	Y		.045	CR	22.2 k	.1	T9	321-1745-07	Y		.085	CR
16.5 k	1.	T0	321-0310-00	Y	A	.010	CR	22.6 k	1.	T0	321-0323-00	Y		.010	CR
16.5 k	.5	T0	321-0707-00	Y		.041	CR	22.6 k	1.	T2	321-0323-08	Y		.033	CR
16.7 k	.25	T2	321-1310-03	Y		.078	CR	23.2 k	1.	T0	321-0324-00	Y		.010	CR
16.9 k	1.	T0	321-0311-00	Y		.010	CR	23.2 k	.5	T0	321-0688-00	Y			DL
17. k	.5	T2	321-0673-00	Y		.045	CR	23.2 k	.25	T9	321-0699-00	Y		.085	CR
17. k	.1	T9	321-0673-07	Y		.085	CR	23.32 k	.5	T0	321-0903-01	Y		.030	CR
17.105 k	.1	T9	321-0997-07	Y			OB	23.4 k	.1	T9	321-1324-07	Y		.140	CR
17.145 k	.1	T9	321-1721-07	Y			DL	23.7 k	1.	T0	321-0325-00	Y	A	.010	CR
17.4 k	1.	T0	321-0312-00	Y		.010	CR	23.7 k	.5	T2	321-0676-00	Y			DL
17.4 k	.5	T2	321-0674-00	Y		.070	CR	24.01 k	.25	T2	321-0959-03	Y		.085	CR
17.4 k	.1	T2	321-0674-04	Y		.120	CR	24.3 k	1.	T0	321-0326-00	Y		.010	CR
17.8 k	1.	T0	321-0313-00	Y		.010	CR	24.61 k	.1	T9	321-0965-07	Y		.085	CS
17.8 k	1.	T9	321-0313-09	Y		.060	CR	24.9 k	1.	T0	321-0327-00	Y	A	.010	CR
18. k	.25	T2	321-0991-03	Y		.085	CR	24.9 k	.5	T0	321-0689-00	Y		.030	CR
18. k	.1	T9	321-1313-07	Y		.085	CR	24.9K	.5	T2	321-0327-02	Y		.045	CR
18. k	1.	T2	321-1313-08	Y	A	.033	CR	24.9 k	.25	T2	321-0327-03	Y	A	.085	CR
18.2 k	1.	T0	321-0314-00	Y		.010	CR	25. k	.1	T9	321-0986-07	Y		.085	CR
18.2 k	.5	T0	321-0314-01	Y		.030	CR	25.05 k	.25	T2	321-0745-03	Y		.085	CR
18.25 k	.5	T2	321-0675-00	Y			OB	25.1 k	.5	T2	321-0923-02	Y		.045	CR
18.7 k	1.	T0	321-0315-00	Y	A	.010	CR	25.36 k	.5	T0	321-0725-01	Y			OB
18.9 k	.5	T0	321-0697-00	Y			OB	25.4 k	.1	T9	321-1690-07	Y			OB
18.9 k	.1	T9	321-0697-07	Y		.085	CR	25.5 k	1.	T0	321-0328-00	Y		.010	CR
18.96 k	.25	T2	321-0780-03	Y		.085	CR	25.5 k	.5	T0	321-0706-00	Y			OB
18.99 k	.5	T0	321-0757-01	Y		.030	CR	25.6 k	.5	T0	321-0627-01	Y			DL
19.1 k	1.	T0	321-0316-00	Y		.010	CR	25.8 k	.5	T0	321-1328-01	Y		.039	CR
19.1 k	.25	T2	321-0316-03	Y		.085	CR	26.1 k	.5	T2	321-0329-02	Y		.045	CR
19.19 k	.5	T2	321-0934-02	Y		.070	CR	26.1 k	.25	T2	321-0329-03	Y		.129	CR
19.6 k	1.	T0	321-0317-00	Y	A	.095	CR	26.1 k	1.	T0	321-0329-00	Y		.010	CR
19.74 k	.1	T9	321-1689-07	Y			OB	26.4 k	.25	T2	321-1329-03	Y		.085	CR
20. k	1.	T0	321-0318-00	Y		.010	CR	26.7 k	1.	T0	321-0330-00	Y		.010	CR
20. k	.5	T2	321-0318-02	Y		.045	CR	27. k	.25	T2	321-1656-03	Y		.085	CR
20. k	.1	T9	321-0318-07	Y		.085	CR	27.1 k	.5	T2	321-1330-02	Y		.045	CR
20. k	.25	T2	321-0318-03	Y		.078	CR	27.1 k	.25	T2	321-1330-03	Y		.092	CR
20. k	.25	T9	321-0318-06	Y		.145	CR	27.1 k	.1	T9	321-1330-07	Y		.120	CR
20.25 k	.5	T2	321-0744-02	Y		.075	CS	27.2 k	.25	T2	321-0917-03	Y	A	.085	CR
20.3 k	.25	T9	321-0642-00	Y		.085	CR	27.2 k	.1	T9	321-0917-07	Y		.176	CR
20.4 k	1.	T0	321-0615-00	Y		.035	CR	27.4 k	1.	T0	321-0331-00	Y		.010	CR
20.4 k	.5	T0	321-0615-01	Y		.063	CS	27.4 k	1.	T9	321-0331-09	Y		.060	CR
20.5 k	1.	T0	321-0319-00	Y	A	.010	CR	27.7 k	.5	T2	321-1331-02	Y		.450	CS
20.5 k	.5	T2	321-0319-02	Y	A	.045	CR	27.7 k	.1	T9	321-1331-07	Y		.220	PP
20.5 k	.1	T9	321-0319-07	Y		.140	CR	28. k	1.	T0	321-0332-00	Y		.010	CR
21. k	1.	T0	321-0320-00	Y		.010	CR	28. k	.1	T9	321-0332-07	Y		.085	CR
21.1 k	.1	T9	321-1000-07	Y	U	.173	CR	28.4 k	1.	T0	321-1332-00	Y		.024	CR
21.5 k	1.	T0	321-0321-00	Y		.009	CR	28.4 k	.5	T0	321-1332-01	Y			DL

^a Refer to the Resistor & Capacitor Section of the Supplement Catalog (#7), under Temperature Characteristics Code for more information on TC (Temperature Coefficient.)

^b Machine insertable.

^c The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

^d Safety controlled.

METAL FILM .125 WATT (cont)

Resistance Ω	Tol \pm %	TC ^a	Part Number	MI ^b	Codes ^c			Resistance Ω	Tol \pm %	TC ^a	Part Number	MI ^b	Codes ^c		
					ND	Cost	ST						ND	Cost	ST
28.7 k	1.	T0	321-0333-00	Y		.010	CR	40.2 k	1.	T9	321-0347-09	Y		.092	CR
29.05 k	.1	T9	321-1725-07	Y		.162	CR	40.2 k	.5	T2	321-0696-00	Y		.045	CR
29.27 k	.1	T2	321-1602-04	Y		.085	CR	41.2 k	1.	T0	321-0348-00	Y		.010	CR
29.4 k	1.	T0	321-0334-00	Y		.010	CR	41.7 k	1.	T0	321-0705-00	Y		.024	CR
30. k	.5	T2	321-0685-00	Y	A	.045	CR	42. k	.25	T9	321-0820-06	Y		.085	CR
30. k	.25	T2	321-0604-00	Y		.085	CR	42.05 k	.1	T9	321-1728-07	Y		.085	CR
30. k	.1	T9	321-0685-07	Y		.085	CR	42.2 k	1.	T0	321-0349-00	Y		.010	CR
30.1 k	1.	T0	321-0335-00	Y	A	.010	CR	42.27 k	.5	T0	321-0726-01	Y			OB
30.4 k	.5	T2	321-0677-00	Y	U	.045	CR	42.7 k	.5	T0	321-0691-00	Y		.036	CR
30.4 k	.1	T9	321-0677-07	Y		.095	CR	42.7 k	.1	T9	321-0691-07	Y		.120	CS
30.9 k	1.	T0	321-0336-00	Y		.010	CR	43.2 k	1.	T0	321-0350-00	Y		.010	CR
31.6 k	1.	T0	321-0337-00	Y		.010	CR	43.2 k	1.	T2	321-0350-08	Y		.041	CS
32. k	.25	T2	321-1655-03	Y		.085	CS	43.5 k	.1	T9	321-1710-07	Y		.085	CR
32.25 k	.1	T9	321-1726-07	Y		.162	CR	44.2 k	1.	T0	321-0351-00	Y		.010	CR
32.4 k	1.	T0	321-0338-00 ^d	Y		.010	CR	44.44 k	.1	T9	321-1683-07	Y	U	.175	CR
32.4 k	1.	T2	321-0338-08	Y		.033	CR	45. k	1.	T0	321-0775-00	Y		.015	CR
32.4 k	.5	T0	321-0338-01	Y			DL	45. k	.25	T2	321-0775-03	Y		.103	CS
32.4 k	1.	T9	321-0338-09	Y		.073	CR	45.2 k	.25	T9	321-1624-06	Y		.240	CR
33.2 k	1.	T0	321-0339-00	Y		.010	CR	45.3 k	1.	T0	321-0352-00	Y		.010	CR
33.2 k	.1	T9	321-0339-07	Y			OB	46.4 k	1.	T0	321-0353-00	Y		.010	CR
33.33 k	.5	T0	321-0992-01	Y		.030	CR	46.4 k	.5	T0	321-0353-01	Y		.063	CS
33.9 k	.5	T2	321-0678-00	Y			OB	46.6 k	.5	T0	321-0904-01	Y		.030	CR
34. k	1.	T0	321-0340-00	Y		.010	CR	46.67 k	.1	T9	321-1693-07	Y		.098	CR
34. k	.5	T0	321-0690-00	Y		.030	OT	47.5 k	1.	T0	321-0354-00	Y		.010	CR
34. k	.5	T2	321-0679-00	Y		.045	CR	47.5 k	.5	T0	321-0354-01	Y		.081	CR
34.8 k	1.	T0	321-0341-00	Y		.010	CR	48.7 k	1.	T0	321-0355-00	Y		.010	CR
34.8 k	1.	T2	321-0341-08	Y		.019	CR	48.7 k	1.	T2	321-0355-08	Y		.033	CR
35. k	.25	T2	321-0761-03	Y		.078	CR	49.31 k	.1	T9	321-0964-07	Y		.085	CR
35.3 k	.5	T2	321-0680-00	Y		.045	CR	49.9 k	1.	T0	321-0356-00	Y	A	.010	CR
35.3 k	.25	T2	321-0680-03	Y		.045	CR	49.9 k	.1	T9	321-0356-07	Y		.162	CR
35.7 k	1.	T0	321-0342-00	Y		.010	CR	49.9 k	1.	T2	321-0356-08	Y			OB
35.7 k	.1	T9	321-0342-07	Y		.140	CR	49.9 k	.5	T0	321-0692-00	Y		.030	CR
35.7 k	1.	T2	321-0342-08	Y			OB	50. k	1.	T0	321-0756-00	Y	A	.030	CR
36. k	.1	T9	321-1713-07	Y		.098	CR	50. k	.5	T0	321-0756-01	Y		.030	CR
36.47 k	.25	T2	321-1621-03	Y		.085	CR	50. k	.25	T2	321-0756-03	Y		.092	CR
36.5 k	1.	T0	321-0343-00	Y		.010	CR	50. k	.1	T2	321-0756-04	Y		.090	CR
37.3 k	.5	T2	321-0681-00	Y			OB	50.33 k	.25	T2	321-0769-03	Y		.085	CR
37.4 k	1.	T0	321-0344-00	Y		.010	CR	51.1 k	1.	T0	321-0357-00	Y		.010	CR
37.5 k	.1	T2	321-1651-04	Y		.085	CR	51.1 k	.25	T2	321-0357-03	Y		.103	CR
37.63 k	.25	T2	321-0633-00	Y		.100	CS	52.2 k	.25	T2	321-1703-03	Y		.085	CR
37.96 k	.25	T2	321-0622-00	Y		.090	CR	52.3 k	1.	T0	321-0358-00	Y		.010	CR
38.02 k	.25	T2	321-0767-03	Y		.290	CR	52.6 k	1.	T0	321-0616-00	Y		.010	CR
38.25 k	.1	T9	321-1727-07	Y		.085	CR	52.6 k	.5	T0	321-0616-01	Y		.068	CS
38.3 k	1.	T0	321-0345-00	Y	A	.010	CR	53. k	.1	T9	321-1358-07	Y		.169	CR
39.2 k	1.	T0	321-0346-00	Y		.010	CR	53.6 k	1.	T0	321-0359-00	Y		.010	CR
39.2 k	1.	T2	321-0346-08	Y			OB	54.2 k	.5	T2	321-1359-02	Y		.080	CS
40. k	.5	T2	321-0924-02	Y	A	.045	CR	54.9 k	1.	T0	321-0360-00	Y		.010	CR
40. k	.25	T2	321-0966-03	Y		.090	CR	55. k	.25	T2	321-0967-03	Y		.085	CR
40. k	.1	T9	321-0924-07	Y		.085	CR	55.5 k	.5	T2	321-1623-02	Y		.100	CR
40.2 k	1.	T0	321-0347-00	Y	A	.010	CR	56.2 k	1.	T0	321-0361-00	Y	A	.010	CR

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^d Safety controlled.

METAL FILM .125 WATT (cont)

Resistance Ω	Tol ± %	TC ^a	Part Number	MI ^b	Codes ^c			Resistance Ω	Tol ± %	TC ^a	Part Number	MI ^b	Codes ^c		
					ND	Cost	ST						ND	Cost	ST
56.2 k	.25	T9	321-0361-06	Y		.060	CR	84.65 k	.25	T2	321-0634-00	Y	A	.085	CR
56.5 k	.5	T0	321-1706-01	Y		.060	CS	85.37 k	.25	T2	321-0623-00	Y			DL
57.6 k	1.	T0	321-0362-00	Y		.010	CR	85.69 k	.25	T9	321-0732-06	Y			OB
58.59 k	.1	T2	321-1601-04	Y		.085	CR	86.6 k	1.	T0	321-0379-00	Y		.010	CR
59. k	1.	T0	321-0363-00	Y		.010	CR	88.7 k	1.	T0	321-0380-00	Y		.012	CR
59.25 k	1.	T0	321-0941-00	Y			DL	90. k	.1	T9	321-0993-07	Y		.085	CR
59.25 k	.25	T2	321-0941-03	Y	U	.090	CR	90.9 k	1.	T0	321-0381-00	Y		.010	CR
60. k	.1	T9	321-0720-07	Y			OB	90.9 k	.25	T2	321-0381-03	Y		.085	CR
60. k	1.	T0	321-0720-00	Y		.010	CR	92. k	.25	T2	321-1381-03	Y		.085	CR
60. k	.5	T0	321-0720-01	Y		.030	CR	92. k	1.	T0	321-1381-00	Y			DL
60. k	.5	T2	321-0720-02	Y		.085	CR	92.5 k	.25	T2	321-0831-03	Y		.104	CR
60. k	.25	T2	321-0720-03	Y		.103	CR	93.1 k	1.	T0	321-0382-00	Y		.010	CR
60.2 k	.1	T2	321-0973-04	Y		.089	CR	93.1 k	.1	T9	321-0382-07	Y		.085	CR
60.4 k	1.	T0	321-0364-00	Y	A	.010	CR	95. k	.1	T0	321-0759-00	Y		.009	CR
60.4 k	.25	T2	321-0364-03	Y		.085	CR	95. k	.5	T0	321-0759-01	Y		.030	CR
60.78 k	.1	T9	321-1729-07	Y	U	.162	CR	95. k	.1	T9	321-0759-07	Y			NP
60.83 k	.5	T2	321-0682-00	Y			OB	95.3 k	1.	T0	321-0383-00	Y		.010	CR
61.2 k	.1	T9	321-1364-07	Y		.175	CR	95.3 k	1.	T2	321-0383-08	Y		.030	CR
61.5 k	.25	T2	321-0900-03	Y		.085	CR	97.6 k	1.	T0	321-0384-00	Y		.009	CR
61.73 k	.25	T9	321-1622-06	Y		.145	CR	98. k	.25	T2	321-0897-03	Y			OB
61.9 k	1.	T0	321-0365-00	Y		.010	CR	98.73 k	.1	T9	321-0963-07	Y		.098	CR
61.9 k	.5	T2	321-0365-02	Y		.075	CR	99. k	.25	T2	321-0996-03	Y		.078	CR
61.9 k	1.	T9	321-0365-09	Y		.073	CR	99.67 k	.5	T2	321-0920-02	Y		.045	CR
63.4 k	1.	T0	321-0366-00	Y		.010	CR	100. k	1.	T0	321-0385-00	Y	A	.009	CR
64.9 k	1.	T0	321-0367-00	Y		.078	CR	100. k	.5	T0	321-0385-01	Y			OB
65. k	.25	T2	321-0755-03	Y		.112	OT	100. k	.25	T9	321-0644-00	Y		.045	CR
65.7 k	.1	T9	321-1755-07	Y		.140	CR	100. k	.5	T2	321-0645-00	Y		.045	CR
66.5 k	1.	T0	321-0368-00	Y	A	.010	CR	100. k	.1	T2	321-0385-04	Y		.090	CR
68.1 k	1.	T0	321-0369-00	Y		.010	CR	100. k	.1	T9	321-0385-07	Y		.085	CR
68.1 k	.5	T0	321-0693-00	Y		.030	CR	101. k	.25	T2	321-1385-03	Y			OB
69.8 k	1.	T0	321-0370-00	Y		.010	CR	102. k	1.	T0	321-0386-00	Y	A	.010	CR
71.5 k	1.	T0	321-0371-00	Y		.010	CR	102. k	.1	T9	321-0386-07	Y		.100	CS
71.5 k	1.	T9	321-0371-09	Y		.060	CR	102. k	.5	T2	321-0653-00	Y		.075	CS
72.3 k	.25	T9	321-1642-06	Y		.085	CR	102.2 k	.1	T9	321-1730-07	Y		.162	CR
73.2 k	1.	T0	321-0372-00	Y		.010	CR	105. k	1.	T0	321-0387-00	Y		.078	CR
74.44 k	.1	T9	321-1691-07	Y		.198	CR	106. k	1.	T0	321-0640-00	Y		.021	CS
75. k	1.	T0	321-0373-00	Y		.010	CR	107. k	1.	T0	321-0388-00	Y		.010	CR
75. k	.25	T2	321-0373-03	Y		.035	CR	109. k	.5	T0	321-1388-01	Y		.044	CR
75. k	1.	T9	321-0373-09	Y			OB	109.6 k	.25	T2	321-0918-03	Y		.085	CR
75. k	.1	T2	321-0373-04	Y		.085	CR	110. k	1.	T0	321-0389-00	Y		.009	CR
76.8 k	1.	T0	321-0374-00	Y		.010	CR	110. k	.5	T0	321-0389-01	Y		.030	CR
78.7 k	1.	T0	321-0375-00	Y	A	.010	CR	110. k	.25	T2	321-0389-03	Y		.090	CR
79.6 k	.1	T9	321-1375-07	Y		.140	CR	110. k	.1	T9	321-0389-07	Y			DL
80.6 k	1.	T0	321-0376-00	Y	A	.010	CR	111. k	1.	T0	321-0617-00	Y		.010	CR
80.6 k	1.	T9	321-0376-09	Y		.079	CR	111. k	.5	T0	321-1389-01	Y		.036	CR
81.6 k	.25	T9	321-1376-06	Y			DL	111. k	.25	T2	321-1389-03	Y			OB
82.5 k	1.	T0	321-0377-00	Y		.010	CR	111. k	.1	T9	321-1389-07	Y		.085	CR
82.5 k	.5	T0	321-0377-01	Y		.030	CS	112.5 k	.1	T9	321-1719-07	Y		.085	CR
84.5 k	1.	T0	321-0378-00	Y		.010	CR	113. k	1.	T0	321-0390-00	Y		.010	CR
84.54 k	.5	T0	321-0727-01	Y			OB	115. k	1.	T0	321-0391-00	Y		.020	CR

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^b Machine insertable.

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METAL FILM .125 WATT (cont)

Resistance Ω	Tol \pm %	TC ^a	Part Number	MI ^b	Codes ^c			Resistance Ω	Tol \pm %	TC ^a	Part Number	MI ^b	Codes ^c		
					ND	Cost	ST						ND	Cost	ST
117. k	.5	T0	321-1391-01	Y		.030	CR	182.5 k	.5	T2	321-0683-00	Y			OB
118. k	1.	T0	321-0392-00	Y		.010	CR	186.2 k	.25	T2	321-0605-00	Y			OB
118. k	1.	T9	321-0392-09	Y		.033	CR	187. k	1.	T0	321-0411-00	Y		.010	CR
120. k	.25	T2	321-1714-03	Y		.085	CR	187. k	.25	T9	321-0701-00	Y		.104	CR
120.4 k	.1	T2	321-0977-04	Y		.085	CR	189. k	.5	T0	321-0695-00	Y			NP
								189.9 k	.5	T0	321-0760-01	Y		.030	CR
121. k	1.	T0	321-0393-00	Y		.009	CR	191. k	1.	T0	321-0412-00	Y		.009	CR
121. k	1.	T9	321-0393-09	Y		.084	PP	196. k	1.	T0	321-0413-00	Y		.021	CR
121.4 k	.5	T0	321-0905-01	Y		.030	CR	200. k	1.	T0	321-0414-00	Y	A	.009	CR
122.1 k	.1	T9	321-1692-07	Y			OB	200. k	.5	T2	321-0646-00	Y		.070	CR
124. k	1.	T0	321-0394-00	Y		.010	CR	200. k	.25	T2	321-0414-03	Y		.085	CR
								200. k	.1	T2	321-0414-04	Y		.085	CR
125. k	.5	T0	321-0979-01	Y		.030	CR	200. k	.1	T9	321-0414-07	Y		.085	CR
127. k	1.	T0	321-0395-00	Y		.009	CR	200. k	1.	T9	321-0414-09	Y		.060	CR
130. k	1.	T0	321-0396-00	Y		.010	CR	203. k	.25	T2	321-0606-00	Y		.100	CS
130. k	.1	T9	321-0396-07	Y		.162	CR	205. k	1.	T0	321-0415-00	Y		.020	CR
133. k	1.	T0	321-0397-00	Y		.010	CR	210. k	1.	T0	321-0416-00	Y		.009	CR
								215. k	1.	T0	321-0417-00	Y		.010	CR
133. k	1.	T9	321-0397-09	Y		.079	CS	221. k	1.	T0	321-0418-00	Y		.010	CR
136. k	.5	T0	321-0728-01	Y			OB	221. k	.5	T2	321-0418-02	Y		.070	CS
136. k	.25	T9	321-0728-06	Y		.096	CR	226. k	1.	T0	321-0419-00	Y		.010	CR
137. k	1.	T0	321-0398-00	Y		.010	CR	232. k	1.	T0	321-0420-00	Y		.009	CR
140. k	1.	T0	321-0399-00	Y		.010	CR	233.2 k	.5	T0	321-0899-01	Y		.030	CR
								237. k	1.	T0	321-0421-00	Y		.010	CR
142. k	.25	T9	321-1399-06	Y		.085	CR	237. k	.25	T2	321-0421-03	Y		.090	CR
143. k	1.	T0	321-0400-00	Y	U	.010	CR	243. k	1.	T0	321-0422-00	Y	A	.010	CR
145. k	.25	T9	321-0652-00	Y		.110	CR	249. k	1.	T0	321-0423-00	Y		.010	CR
147. k	1.	T0	321-0401-00	Y		.110	CR	249. k	.5	T2	321-0423-02	Y		.070	CR
147. k	.25	T2	321-0401-03	Y		.108	CS	249. k	1.	T9	321-0423-09	Y		.078	CR
								250. k	1.	T0	321-0618-00	Y		.021	CR
150. k	1.	T0	321-0402-00	Y		.010	CR	250. k	.5	T0	321-0618-01	Y		.036	CR
150. k	.5	T0	321-0402-01	Y		.030	CR	250. k	.1	T2	321-0618-04	Y		.090	CR
150. k	1.	T9	321-0402-09	Y		.079	CR	255. k	1.	T0	321-0424-00	Y		.009	CR
150. k	.1	T9	321-1751-07	Y		.095	CR	261. k	1.	T0	321-0425-00	Y		.010	CR
154. k	1.	T0	321-0403-00	Y		.010	CR	267. k	1.	T0	321-0426-00	Y		.010	CR
								274. k	1.	T0	321-0427-00	Y		.009	CR
158. k	1.	T0	321-0404-00	Y		.009	CR	277. k	.5	T2	321-1427-02	Y		.070	CR
158. k	.25	T2	321-0404-03	Y		.090	CR	277.8 k	.25	T9	321-1625-06	Y		.085	CR
158. k	.1	T9	321-0404-07	Y			OB	280. k	1.	T0	321-0428-00	Y		.010	CR
162. k	1.	T0	321-0405-00	Y		.010	CR	287. k	1.	T0	321-0429-00	Y		.010	CR
162.6 k	.5	T2	321-0746-02	Y		.075	CS	294. k	1.	T0	321-0430-00	Y		.010	CR
								301. k	1.	T0	321-0431-00	Y	A	.010	CR
165. k	1.	T0	321-0406-00	Y		.009	CR	301. k	.5	T0	321-0431-01	Y		.030	CR
165. k	.5	T2	321-0406-02	Y		.084	CR	301. k	.1	T2	321-0431-04	Y		.120	OT
169. k	1.	T0	321-0407-00	Y		.009	CR	309. k	1.	T0	321-0432-00	Y		.009	CR
169. k	.5	T0	321-0694-00	Y		.070	CR	316. k	1.	T0	321-0433-00	Y		.009	CR
169. k	.25	T9	321-0700-00	Y		.104	CR	320. k	.5	T0	321-1433-01	Y		.041	CR
								324. k	1.	T0	321-0434-00	Y		.010	CR
170. k	.1	T9	321-1698-07	Y		.100	CS	330. k	.25	T2	321-0856-03	Y		.085	CR
174. k	1.	T0	321-0408-00	Y		.009	CR	330. k	.1	T9	321-0856-07	Y	U	.085	CR
174. k	1.	T9	321-0408-09	Y		.060	CR								
175.4 k	.5	T2	321-1626-02	Y		.075	CR								
178. k	1.	T0	321-0409-00	Y		.010	CR								
178.7 k	.25	T2	321-0635-00	Y		.103	CS								
180.2 k	.25	T2	321-0624-00	Y		.085	CR								
180.6 k	.1	T2	321-0975-04	Y		.110	CS								
182. k	1.	T0	321-0410-00	Y	A	.010	CR								
182. k	.1	T9	321-0410-07	Y		.085	CR								

^a Refer to the Resistor & Capacitor Section of the Supplement Catalog (#7), under Temperature Characteristics Code for more information on TC (Temperature Coefficient.)

^b Machine insertable.

^c The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

METAL FILM .125 WATT (cont)

Resistance Ω	Tol ± %	TC ^a	Part Number	MI ^b	Codes ^c			Resistance Ω	Tol ± %	TC ^a	Part Number	MI ^b	Codes ^c			
					ND	Cost	ST						ND	Cost	ST	
332. k	1.	T0	321-0435-00	Y		.009	CR	731.3 k	.25	T9	321-1627-06	Y	U	.095	CR	
333. k	1.	T0	321-0628-00	Y		OB	732. k	1.	T0	321-0468-00	Y	.010		CR		
333. k	.5	T0	321-0628-01	Y		OB	750. k	1.	T0	321-0469-00	Y	.010		CR		
340. k	1.	T0	321-0436-00	Y			.009	CR	750. k	.1	T2	321-0469-04		Y	.085	CR
340. k	.5	T0	321-0436-01	Y			OB	750. k	.1	T9	321-0469-07	Y		.116	CR	
348. k	1.	T0	321-0437-00	Y		.010	CR	800. k	1.	T0	321-0891-00 ^d	Y		.095	CR	
357. k	1.	T0	321-0438-00	Y		.009	CR	806. k	.1	T2	321-0472-04	Y		.110	CS	
365. k	1.	T0	321-0439-00	Y		.003	CR	825. k	1.	T0	321-0473-00	Y		.013	CR	
374. k	1.	T0	321-0440-00	Y		.013	CR	825. k	.5	T0	321-0473-01	Y			CS	
375. k	.1	T2	321-1652-04	Y		.085	CR	841. k	.5	T0	321-1697-01	Y		.030	CR	
383. k	1.	T0	321-0441-00	Y		.010	CR	887. k	1.	T0	321-0476-00	Y			DL	
392. k	1.	T0	321-0442-00	Y		.010	CR	900. k	1.	T0	321-0807-00	Y		.010	CR	
400. k	.25	T9	321-0781-06	Y		.110	CR	900. k	.5	T0	321-0807-01	Y		.036	CR	
400. k	.1	T9	321-0781-07	Y		.085	CR	900. k	.1	T2	321-0807-04	Y		.245	CS	
402. k	1.	T0	321-0443-00	Y		.010	CR	900. k	.1	T9	321-0807-07	Y		.085	CR	
412. k	1.	T0	321-0444-00	Y	A	.009	CR	909. k	1.	T0	321-0477-00	Y		.037	CR	
422. k	1.	T0	321-0445-00	Y		.010	CR	950. k	1.	T0	321-0936-00	Y		.024	CR	
422. k	.5	T2	321-0647-00	Y			OB	990. k	1.	T0	321-0790-00	Y		.010	CR	
432. k	1.	T0	321-0446-00	Y		.100	CR	990. k	.5	T0	321-0790-01	Y		.085	CR	
432. k	1.	T9	321-0446-09	Y		.250	CS	1. M	1.	T0	321-0481-00 ^d	Y		.009	CR	
442. k	1.	T0	321-0447-00	Y		.009	CR	1. M	.5	T0	321-0481-01	Y		.030	CR	
450. k	1.	T0	321-0982-00	Y		.009	CR	1. M	.25	T2	321-0481-03	Y		.085	CR	
453. k	1.	T0	321-0448-00	Y		.010	CR	1. M	.1	T2	321-0481-04	Y		.085	CR	
464. k	1.	T0	321-0449-00	Y		.009	CR	1. M	.1	T9	321-0481-07	Y		.098	CR	
466. k	.5	T0	321-0898-01	Y		.030	CR	1.05 M	1.	T0	321-0483-00	Y		.122	CR	
470. k	1.	T0	321-1449-00	Y		.010	CR	1.09 M	.25	T2	321-1484-03	Y	U	.400	CR	
475. k	1.	T0	321-0450-00	Y		.010	CR	1.11 M	1.	T0	321-1485-00	Y		.132	CR	
475. k	.5	T0	321-0450-01	Y		.030	CR	1.11 M	.25	T2	321-1485-03	Y		.450	CS	
475. k	1	T2	321-0450-08	Y			OB	1.13 M	1.	T0	321-0486-00	Y		.010	CR	
487. k	1.	T0	321-0451-00	Y		.009	CR	1.17 M	.5	T0	321-1487-01	Y		.097	CS	
499. k	1.	T0	321-0452-00	Y		.010	CR	1.18 M	1.	T0	321-1753-00	Y			DL	
499. k	1.	T9	321-0452-09	Y		.060	CR	1.2 M	.25	T2	321-1715-03	Y		.400	CR	
500. k	.5	T2	321-0648-02	Y		.085	CR	1.21 M	1.	T0	321-0489-00	Y		.080	CS	
500. k	.1	T2	321-0648-04	Y		.090	CR	1.23 M	1.	T0	321-1489-00	Y		.122	CR	
500. k	.1	T9	321-0648-07	Y		.170	CR	1.43 M	1.	T0	321-0496-00	Y		.021	CR	
500. k	1.	T0	321-1731-00	Y	U	.030	CR	1.5 M	.1	T9	321-0498-07	Y		.460	CR	
523. k	1.	T0	321-0454-00	Y		.010	CR	1.58 M	.1	T9	321-1777-07	Y		.220	CR	
549. k	1.	T0	321-0995-00	Y		.010	CR	1.644 M	.5	T2	321-1628-02	Y		.250	CR	
562. k	1.	T0	321-0457-00	Y		.026	CR	1.65 M	.5	T2	321-0502-02	Y		1.560	CR	
576. k	1.	T0	321-0458-00	Y		.010	CR	1.87 M	1.	T0	321-0507-00	Y		.021	CR	
585. k	.5	T0	321-1707-01	Y		.060	CS	2. M	1.	T0	321-0510-00	Y		.010	CR	
590. k	1.	T0	321-0459-00	Y		.009	CR	2. M	.1	T9	321-0510-07	Y		.460	CR	
600. k	1.	T0	321-1648-00	Y		.010	CR	2.22 M	1.	T0	321-1644-00	Y		.122	CS	
602. k	.1	T2	321-0976-04	Y		.089	CR	2.25 M	.1	T2	321-1653-04	Y		.890	CR	
604. k	1.	T0	321-0460-00	Y		.013	CR	2.34 M	.5	T0	321-1516-01	Y		.190	CR	
649. k	1.	T0	321-0463-00	Y	A	.010	CR	2.74 M	1.	T0	321-0523-00	Y		.122	CR	
651. k	.1	T9	321-1654-07	Y		.295	CR	2.8 M	1.	T0	321-0524-00	Y			DL	
665. k	1.	T0	321-0464-00	Y		.020	CS	3.24 M	1.	T0	321-1720-00	Y		.122	CR	
681. k	.5	T0	321-0465-01	Y		.060	CS	4.37 M	1.	T0	321-1542-00	Y		.260	CR	
681. k	1.	T0	321-0465-00	Y			DL	4.5 M	1.	T0	321-0983-00	Y		.021	CR	
698. k	1.	T0	321-0466-00	Y		.010	CR	6.04 M	1.	T0	321-0556-00	Y		.260	CR	

^a Refer to the Resistor & Capacitor Section of the Supplement Catalog (#7), under Temperature Characteristics Code for more information on TC (Temperature Coefficient.)

^b Machine insertable.

^c The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

^d Safety controlled.

METAL FILM .200 WATT SMALL BODY

Resistance Ω	Tol \pm %	TC ^a	Part Number	MI ^b	Codes ^c		
					ND	Cost	ST
10.	1.	T0	322-3001-00	Y		.026	CR
11.8	1.	T0	322-3008-00	Y		.020	CR
12.1	1.	T0	322-3009-00	Y		.023	CR
13.	1.	T0	322-3012-00	Y		.020	CR
16.5	1.	T0	322-3493-00	Y		.023	PP
20.	1.	T0	322-3030-00	Y		.020	CR
20.5	1.	T0	322-3031-00	Y		.026	EN
21.5	1.	T0	322-3033-00	Y		.020	CR
23.7	1.	T0	322-3037-00	Y		.020	EN
24.9	1.	T0	322-3039-00	Y		.020	CR
26.7	1.	T0	322-3042-00	Y			DL
28.	1.	T0	322-3044-00	Y		.020	CR
29.4	1.	T0	322-3046-00	Y		.020	CR
30.1	1.	T0	322-3047-00	Y		.020	CR
30.9	1.	T0	322-3048-00	Y		.020	CR
32.4	1.	T0	322-3050-00	Y		.020	CR
35.7	1.	T0	322-3054-00	Y		.020	CR
37.4	1.	T0	322-3056-00	Y		.020	CR
37.4	.5	T0	322-3056-01	Y			DL
38.3	1.	T0	322-3057-00	Y			DL
39.2	1.	T0	322-3058-00	Y		.024	CR
42.2	1.	T0	322-3061-00	Y		.020	EN
43.2	1.	T0	322-3062-00	Y		.023	CR
46.4	1.	T0	322-3065-00	Y		.020	CR
47.5	1.	T0	322-3066-00	Y		.023	CR
47.5	.25	T9	322-3066-06	Y		.190	PP
49.9	1.	T0	322-3068-00	Y		.020	CR
51.1	1.	T0	322-3069-00	Y		.020	CR
52.3	1.	T0	322-3070-00	Y		.020	CR
54.9	1.	T0	322-3072-00	Y		.020	CR
56.2	1.	T0	322-3073-00	Y		.020	CR
57.5	1.	T0	322-3491-00	Y			DL
57.6	1.	T0	322-3074-00	Y		.020	CR
59.	1.	T0	322-3075-00	Y		.020	CR
61.9	1.	T0	322-3077-00	Y		.020	CR
69.8	1.	T0	322-3082-00	Y			DL
71.5	1.	T0	322-3083-00	Y		.020	CR
75.	1.	T0	322-3085-00	Y		.020	CR
76.8	1.	T0	322-3086-00	Y		.020	CR
78.7	1.	T0	322-3087-00	Y			DL
82.5	1.	T0	322-3089-00	Y		.020	CR
90.9	1.	T0	322-3093-00	Y		.020	CR
95.3	1.	T0	322-3095-00	Y			DL
97.6	1.	T0	322-3495-00	Y		.020	PP
100.	1.	T0	322-3097-00	Y		.020	CR
102.	1.	T0	322-3098-00	Y		.020	CR
105.	1.	T0	322-3099-00	Y		.023	PP
110.	1.	T0	322-3101-00	Y		.020	CR
113.	1.	T0	322-3102-00	Y		.020	CR
118.	1.	T0	322-3104-00	Y			DL
121.	1.	T0	322-3105-00	Y		.020	CR
124.	1.	T0	322-3106-00	Y		.020	CR
130.	1.	T0	322-3108-00	Y		.020	CR
133.	1.	T0	322-3109-00	Y		.020	EN
137.	1.	T0	322-3110-00	Y		.020	CR
143.	1.	T0	322-3112-00	Y		.024	CR
147.	1.	T0	322-3113-00	Y		.020	CR
150.	1.	T0	322-3114-00	Y		.023	CR
162.	1.	T0	322-3117-00	Y		.024	CR
165.	1.	T0	322-3118-00	Y			DL
169.	1.	T0	322-3119-00	Y		.024	CR
178.	1.	T0	322-3121-00	Y		.020	CR
180.	1.	T0	322-3486-00	Y			DL
180.	.5	T0	322-3486-01	Y			DL
182.	1.	T0	322-3122-00	Y			DL
187.	1.	T0	322-3123-00	Y		.020	CR
191.	1.	T0	322-3124-00	Y	U	.020	CR
200.	1.	T0	322-3126-00	Y	U	.020	CR
200.	.5	T0	322-3126-01	Y		.080	CR
200.	.5	T2	322-3126-02	Y		.100	CR
200.	.1	T9	322-3126-07	Y		.190	PP
210.	1.	T0	322-3128-00	Y		.020	CR
215.	1.	T0	322-3129-00	Y		.020	CR
221.	1.	T0	322-3130-00	Y		.023	CR
226.	1.	T0	322-3131-00	Y		.020	CR
237.	1.	T0	322-3133-00	Y		.020	CR
243.	1.	T0	322-3134-00	Y		.020	CR
249.	1.	T0	322-3135-00	Y		.020	CR
261.	1.	T0	322-3137-00	Y		.020	CR
267.	1.	T0	322-3138-00	Y		.020	CR
274.	1.	T0	322-3139-00	Y		.020	CR
287.	1.	T0	322-3141-00	Y		.020	CR
294.	1.	T0	322-3142-00	Y			DL
301.	1.	T0	322-3143-00	Y		.020	CR
316.	1.	T0	322-3145-00	Y		.020	CR
324.	1.	T0	322-3146-00	Y			DL
332.	1.	T0	322-3147-00	Y		.020	CR
340.	1.	T0	322-3148-00	Y		.020	CR
340.	.1	T9	322-3148-07	Y		.190	PP
348.	.1	T9	322-3149-00	Y		.020	EN
357.	1.	T0	322-3150-00	Y		.020	CR
365.	1.	T0	322-3151-00	Y		.023	PP
374.	1.	T0	322-3152-00	Y		.040	CR
383.	1.	T0	322-3153-00	Y		.020	EN
392.	1.	T0	322-3154-00	Y		.023	CR
402.	1.	T0	322-3155-00	Y		.020	PP
412.	1.	T0	322-3156-00	Y		.020	PP
422.	1.	T0	322-3157-00	Y		.020	EN
432.	1.	T0	322-3158-00	Y		.020	CR
453.	1.	T0	322-3160-00	Y		.020	CR
464.	1.	T0	322-3161-00	Y		.020	CR
475.	1.	T0	322-3162-00	Y		.026	CR

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^b Machine insertable.

^c The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

METAL FILM .200 WATT SMALL BODY (cont)

Resistance Ω	Tol \pm %	TC ^a	Part Number	MI ^b	Codes ^c			Resistance Ω	Tol \pm %	TC ^a	Part Number	MI ^b	Codes ^c		
					ND	Cost	ST						ND	Cost	ST
487.	1.	T0	322-3163-00	Y		.020	CR	1.58 k	1.	T0	322-3212-00	Y		.023	CR
499.	1.	T0	322-3164-00	Y		.020	CR	1.62 k	1.	T0	322-3213-00	Y		.020	CR
500.	1.	T0	322-3487-00	Y		.020	CR	1.65 k	1.	T0	322-3214-00	Y		.020	CR
511.	1.	T0	322-3165-00	Y		.020	CR	1.69 k	1.	T0	322-3215-00	Y		.020	CR
523.	1.	T0	322-3166-00	Y		.020	CR	1.74 k	1.	T0	322-3216-00	Y		.020	PP
536.	1.	T0	322-3167-00	Y			DL	1.78 k	1.	T0	322-3217-00	Y		.020	CR
549.	1.	T0	322-3168-00	Y		.020	CR	1.82 k	1.	T0	322-3218-00	Y		.020	CR
562.	1.	T0	322-3169-00	Y		.020	CR	1.87 k	1.	T0	322-3219-00	Y		.020	CR
576.	1.	T0	322-3170-00	Y		.020	CR	1.91 k	1.	T0	322-3220-00	Y		.020	CR
590.	1.	T0	322-3171-00	Y		.020	CR	1.96 k	1.	T0	322-3221-00	Y		.020	CR
600.	1.	T0	322-3484-00	Y		.026	CR	2. k	1.	T0	322-3222-00	Y	U	.020	CR
604.	1.	T0	322-3172-00	Y		.020	CR	2. k	.1	T2	322-3222-04	Y		.020	CR
619.	.1	T9	322-0173-07	Y		.190	PP	2. k	.1	T9	322-3222-07	Y		.190	PP
619.	1.	T0	322-3173-00	Y		.020	CR	2.05 k	1.	T0	322-3223-00	Y		.020	CR
649.	1.	T0	322-3175-00	Y		.020	CR	2.1 k	1.	T0	322-3224-00	Y		.020	CR
665.	.5	T2	322-3176-00	Y		.020	CR	2.15 k	1.	T0	322-3225-00	Y		.020	CR
681.	1.	T0	322-3177-00	Y		.020	CR	2.21 k	1.	T0	322-3226-00	Y		.020	CR
681.	.5	T2	322-3177-02	Y		.020	CR	2.26 k	1.	T0	322-3227-00	Y		.020	CR
698.	1.	T0	322-3178-00	Y		.017	CR	2.32 k	1.	T0	322-3228-00	Y		.020	CR
715.	1.	T0	322-3179-00	Y		.020	CR	2.43 k	1.	T0	322-3230-00	Y		.020	CR
732.	1.	T0	322-3180-00	Y		.020	CR	2.49 k	1.	T0	322-3231-00	Y		.024	CR
750.	1.	T0	322-3181-00	Y		.024	CR	2.5 k	1.	T0	322-3483-00	Y			DL
768.	1.	T0	322-3182-00	Y		.020	CR	2.5 k	.5	T2	322-3483-02	Y			DL
787.	1.	T0	322-3183-00	Y		.024	CR	2.55 k	1.	T0	322-3232-00	Y		.020	CR
806.	1.	T0	322-3184-00	Y		.024	CR	2.61 k	1.	T0	322-3233-00	Y		.020	CR
866.	1.	T0	322-3187-00	Y			DL	2.67 k	1.	T0	322-3234-00	Y		.020	CR
887.	1.	T0	322-3188-00	Y		.020	CR	2.74 k	1.	T0	322-3235-00	Y		.020	CR
909.	1.	T0	322-3189-00	Y		.020	CR	2.8 k	1.	T0	322-3236-00	Y		.020	CR
931.	1.	T0	322-3190-00	Y		.020	CR	2.87 k	1.	T0	322-3237-00	Y		.020	CR
953.	1.	T0	322-3191-00	Y		.023	CR	2.94 k	1.	T0	322-3238-00	Y		.026	EN
1. k	1.	T0	322-3193-00	Y		.020	CR	3.01 k	1.	T0	322-3239-00	Y		.020	CR
1. k	.5	T2	322-3193-02	Y		.100	CR	3.01 k	.25	T2	322-3239-03	Y		.024	CR
1. k	.1	T9	322-3193-07	Y		.190	CR	3.09 k	1.	T0	322-3240-00	Y		.020	CR
1.02 k	1.	T0	322-3194-00	Y		.020	CR	3.16 k	1.	T0	322-3241-00	Y		.020	CR
1.05 k	1.	T0	322-3195-00	Y		.020	CR	3.24 k	1.	T0	322-3242-00	Y		.020	CR
1.07 k	1.	T0	322-3196-00	Y		.020	CR	3.24 k	.1	T9	322-3242-07	Y			DL
1.1 k	1.	T0	322-3197-00	Y		.020	CR	3.32 k	1.	T0	322-3243-00	Y		.024	CR
1.13 k	1.	T0	322-3198-00	Y		.020	CR	3.4 k	1.	T0	322-3244-00	Y		.020	CR
1.15 k	1.	T0	322-3199-00	Y		.020	CR	3.52 k	.5	T0	322-3489-01	Y			DL
1.18 k	1.	T0	322-3200-00	Y		.020	CR	3.52 k	.5	T2	322-3489-02	Y		.090	CR
1.21 k	1.	T0	322-3201-00	Y		.020	CR	3.57 k	1.	T0	322-3246-00	Y		.020	CR
1.24 k	1.	T0	322-3202-00	Y		.020	CR	3.74 k	1.	T0	322-3248-00	Y		.026	CR
1.27 k	1.	T0	322-3203-00	Y		.020	CR	3.83 k	1.	T0	322-3249-00	Y		.020	EN
1.3 k	1.	T0	322-3204-00	Y		.023	CR	3.92 k	1.	T0	322-3250-00	Y		.020	CR
1.33 k	1.	T0	322-3205-00	Y		.020	CR	4.02 k	1.	T0	322-3251-00	Y		.020	CR
1.37 k	1.	T0	322-3206-00	Y		.020	CR	4.12 k	1.	T0	322-3252-00	Y		.020	CR
1.4 k	1.	T0	322-3207-00	Y		.020	CR	4.32 k	1.	T0	322-3254-00	Y		.020	CR
1.43 k	1.	T0	322-3208-00	Y		.020	EN	4.42 k	1.	T0	322-3255-00	Y		.020	CR
1.47 k	1.	T0	322-3209-00	Y		.020	CR	4.53 k	1.	T0	322-3256-00	Y		.020	CR
1.50 k	1.	T0	322-3210-00	Y		.020	CR	4.75 k	1.	T0	322-3258-00	Y		.020	CR
1.54 k	1.	T0	322-3211-00	Y		.020	CR								

^a Refer to the Resistor & Capacitor Section of the Supplement Catalog (#7), under Temperature Characteristics Code for more information on TC (Temperature Coefficient.)

^b Machine insertable.

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METAL FILM .200 WATT SMALL BODY (cont)

Resistance Ω	Tol \pm %	TC ^a	Part Number	MI ^b	Codes ^c			Resistance Ω	Tol \pm %	TC ^a	Part Number	MI ^b	Codes ^c		
					ND	Cost	ST						ND	Cost	ST
4.87 k	1.	T0	322-3259-00	Y		.020	CR	14.7 k	1.	T0	322-3305-00	Y		.020	CR
4.99 k	1.	T0	322-3260-00	Y		.020	CR	15. k	1.	T0	322-3306-00	Y		.020	CR
5. k	1.	T0	322-3485-00	Y		.026	CR	15.8 k	1.	T0	322-3308-00	Y		.023	PP
5. k	.5	T0	322-3485-01	Y			DL	16.5 k	1.	T0	322-3310-00	Y		.020	CR
5. k	.1	T9	322-3485-07	Y		.190	PP	16.9 k	1.	T0	322-3311-00	Y		.020	CR
5.23 k	1.	T0	322-3262-00	Y		.020	CR	17.8 k	1.	T0	322-3313-00	Y		.020	EN
5.36 k	1.	T0	322-3263-00	Y		.020	EN	18.2 k	1.	T0	322-3314-00	Y		.020	CR
5.49 k	1.	T0	322-3264-00	Y		.020	CR	18.7 k	1.	T0	322-3315-00	Y		.020	CR
5.62 k	1.	T0	322-3265-00	Y		.020	CR	19.1 k	1.	T0	322-3316-00	Y		.020	EN
5.76 k	1.	T0	322-3266-00	Y		.020	CR	19.6 k	1.	T0	322-3317-00	Y		.020	PP
5.9 k	1.	T0	322-3267-00	Y		.020	EN	20. k	1.	T0	322-3318-00	Y		.020	CR
5.11 k	1.	T0	322-3261-00	Y		.020	CR	20.5 k	.5	T2	322-3319-02	Y		.020	CR
6.04 k	1.	T0	322-3268-00	Y		.020	CR	21. k	1.	T0	322-3320-00	Y		.020	CR
6.19 k	1.	T0	322-3269-00	Y		.020	CR	21.5 k	1.	T0	322-3321-00	Y		.020	PP
6.19 k	.5	T2	322-3269-02	Y		.010	CR	22.1 k	1.	T0	322-3322-00	Y		.020	CR
6.34 k	.5	T2	322-3270-02	Y		.100	CR	23.2 k	1.	T0	322-3324-00	Y		.020	CR
6.34 k	1.	T9	322-3270-07	Y			DL	23.7 k	1.	T0	322-3325-00	Y		.020	CR
6.49 k	1.	T0	322-3271-00	Y		.020	CR	24.3 k	1.	T0	322-3326-00	Y		.020	CR
6.81 k	.5	T2	322-3273-00	Y		.020	CR	24.9 k	1.	T0	322-3327-00	Y		.020	CR
7.15 k	1.	T0	322-3275-00	Y		.020	PP	25.5 k	1.	T0	322-3328-00	Y		.020	PP
7.32 k	1.	T0	322-3276-00	Y		.020	CR	25.5 k	.5	T2	322-3328-02	Y		.100	CR
7.50 k	1.	T0	322-3277-00	Y		.020	CR	26.1 k	1.	T0	322-3329-00	Y		.020	CR
7.87 k	1.	T0	322-3279-00	Y		.020	CR	26.7 k	1.	T0	322-3330-00	Y		.020	CR
8.06 k	1.	T0	322-3280-00	Y		.020	CR	27.2 k	.5	T2	322-3490-02	Y		.100	PP
8.25 k	1.	T0	322-3281-00	Y		.020	CR	27.4 k	1.	T0	322-3331-00	Y		.020	PP
8.45 k	1.	T0	322-3282-00	Y		.020	CR	28. k	.5	T2	322-3332-02	Y		.170	PP
8.87 k	1.	T0	322-3284-00	Y		.020	CR	28.7 k	1.	T0	322-3333-00	Y		.017	PP
9.09 k	1.	T0	322-3285-00	Y		.020	CR	28.7 k	.5	T2	322-3333-02	Y		.100	CR
9.31 k	1.	T0	322-3286-00	Y		.020	CR	29.4 k	1.	T0	322-3334-00	Y		.023	CR
9.35 k	1.	T0	322-3488-00	Y			DL	30.1 k	1.	T0	322-3335-00	Y		.100	CR
9.53 k	1.	T0	322-3287-00	Y		.020	CR	30.1 k	.5	T2	322-3335-02	Y		.100	CR
9.76 k	1.	T0	322-3288-00	Y		.020	CR	30.9 k	1.	T0	322-3336-00	Y		.020	CR
10. k	1.	T0	322-3289-00	Y		.100	CR	32.4 k	1.	T0	322-3338-00	Y		.020	CR
10. k	.5	T2	322-3289-02	Y		.100	CR	33.2 k	1.	T0	322-3339-00	Y		.020	CR
10. k	.1	T9	322-3289-07	Y		.190	PP	35.7 k	1.	T0	322-3342-00	Y		.020	CR
10.2 k	1.	T0	322-3290-00	Y		.020	PP	37.4 k	1.	T0	322-3344-00	Y		.020	CR
10.5 k	1.	T0	322-3291-00	Y		.020	CR	38.3 k	1.	T0	322-3345-00	Y		.020	PP
10.7 k	1.	T0	322-3292-00	Y		.020	CR	39.2 k	1.	T0	322-3346-00	Y		.020	CR
11. k	1.	T0	322-3293-00	Y		.020	CR	43.2 k	1.	T0	322-3350-00	Y		.020	CR
11.3 k	1.	T0	322-3294-00	Y		.020	CR	45.3 k	1.	T0	322-3352-00	Y		.020	PP
11.5 k	1.	T0	322-3295-00	Y		.020	CR	46.4 k	1.	T0	322-3353-00	Y		.020	CR
12.1 k	1.	T0	322-3297-00	Y		.020	PP	47.5 k	1.	T0	322-3354-00	Y		.020	CR
12.4 k	1.	T0	322-3298-00	Y			DL	49.9 k	1.	T0	322-3356-00	Y		.020	EN
12.7 k	1.	T0	322-3299-00	Y		.020	CR	51.1 k	1.	T0	322-3357-00	Y		.026	CR
13. k	.5	T2	322-3300-02	Y		.100	CR	54.9 k	1.	T0	322-3360-00	Y		.020	EN
13. k	1.	T0	322-3300-08	Y			DL	54.9 k	.5	T2	322-3360-02	Y		.100	CR
13.3 k	1.	T0	322-3301-00	Y		.020	CR	56.2 k	1.	T0	322-3361-00	Y		.020	CR
13.7 k	1.	T0	322-3302-00	Y		.020	CR	59. k	1.	T0	322-3363-00	Y		.020	CR
14. k	1.	T0	322-3303-00	Y		.020	PP	60.4 k	1.	T0	322-3364-00	Y		.020	PP
14.2 k	.5	T2	322-3482-02	Y		.100	CR	61.9 k	1.	T0	322-3365-00	Y		.020	PP
14.3 k	1.	T0	322-3304-00	Y		.020	CR	64.9 k	1.	T0	322-3367-00	Y		.020	CR
								71.5 k	1.	T0	322-3371-00	Y		.020	CR

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METAL FILM .200 WATT SMALL BODY (cont)

Resistance Ω	Tol \pm %	TC ^a	Part Number	MI ^b	Codes ^c		
					ND	Cost	ST
71.5 k	.5	T2	322-3371-02	Y	U	.100	PP
75. k	1.	T0	322-3373-00	Y		.020	CR
76.8 k	1.	T0	322-3374-00	Y		.020	PP
82.5 k	1.	T0	322-3377-00	Y		.020	CR
84.5 k	1.	T0	322-3378-00	Y		.020	CR
90.9 k	1.	T0	322-3381-00	Y		.020	CR
95. k	1.	T0	322-3496-00	Y		.190	CR
95.3 k	1.	T0	322-3383-00	Y		.020	PP
100. k	1.	T0	322-3385-00	Y		.020	CR
110. k	1.	T0	322-3389-00	Y		.020	CR
118. k	1.	T0	322-3392-00	Y		.020	CR
121. k	1.	T0	322-3393-00	Y		.023	CR
124. k	1.	T0	322-3394-00	Y			DL
127. k	.1	T9	322-3395-07	Y		.210	CR
130. k	1.	T0	322-3396-00	Y		.020	CR
143. k	1.	T0	322-3400-00	Y		.020	CR
147. k	1.	T0	322-3401-00	Y		.020	CR
150. k	1.	T0	322-3402-00	Y		.020	CR
158. k	1.	T0	322-3404-00	Y		.020	CR
162. k	1.	T0	322-3405-00	Y		.020	CR
165. k	1.	T0	322-3406-00	Y	U	.020	CR
174. k	1.	T0	322-3408-00	Y		.020	CR
178. k	1.	T0	322-3409-00	Y		.020	CR
182. k	1.	T0	322-3410-00	Y		.020	CR
187. k	1.	T0	322-3411-00	Y		.020	CR
191. k	1.	T0	322-3412-00	Y	U	.020	PP
200. k	1.	T0	322-3414-00	Y		.020	CR
205. k	10.	T0	322-3415-00	Y			EN
215. k	1.	T0	322-3417-00	Y			DL
221. k	1.	T0	322-3418-00	Y		.020	PP
226. k	1.	T0	322-3419-00	Y		.023	EN
237. k	1.	T0	322-3421-00	Y		.020	EN
249. k	1.	T0	322-3423-00	Y		.020	PP
252. k	.5	T0	322-3497-01	Y			DL
255. k	1.	T0	322-3424-00	Y			DL
267. k	1.	T0	322-3426-00	Y		.020	CR
280. k	1.	T0	322-3428-00	Y		.020	CR
287. k	1.	T0	322-3429-00	Y		.020	PP
294. k	1.	T0	322-3430-00	Y		.020	CR
301. k	1.	T0	322-3431-00	Y		.020	CR
348. k	1.	T0	322-3437-00	Y		.023	CR
357. k	1.	T0	322-3438-00	Y		.020	CR
383. k	1.	T0	322-3441-00	Y			DL
392. k	1.	T0	322-3442-00	Y		.020	CR
402. k	1.	T0	322-3443-00	Y		.020	CR
412. k	1.	T0	322-3444-00	Y		.020	EN
422. k	1.	T0	322-3445-00	Y		.020	EN
432. k	1.	T0	322-3446-00	Y		.020	CR
442. k	1.	T0	322-3447-00	Y			EN
453. k	1.	T0	322-3448-00	Y			DL

Resistance Ω	Tol \pm %	TC ^a	Part Number	MI ^b	Codes ^c		
					ND	Cost	ST
464. k	1.	T0	322-3449-00	Y		.026	EN
499. k	1.	T0	322-3452-00	Y			DL
511. k	1.	T0	322-3453-00	Y		.020	CR
549. k	1.	T0	322-3456-00	Y			DL
562. k	1.	T0	322-3457-00	Y		.020	CR
590. k	1.	T0	322-3459-00	Y		.020	CR
600. k	1.	T0	322-3492-00	Y		.024	CR
750. k	1.	T0	322-3469-00	Y		.029	CR
806. k	1.	T0	322-3472-00	Y		.029	PP
1. M	1.	T0	322-3481-00	Y		.029	CR

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^b Machine insertable.

^c The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

METAL FILM .250 WATT

Resistance Ω	Tol \pm %	TC ^a	Part Number	MI ^b	Codes ^c			Resistance Ω	Tol \pm %	TC ^a	Part Number	MI ^b	Codes ^c		
					ND	Cost	ST						ND	Cost	ST
10.	1.	T0	322-0001-00	Y			OB	140.	1.	T0	322-0111-00	Y		.021	CR
10.5	1.	T0	322-0003-00	Y			DL	150.	1.	T0	322-0114-00	Y		.021	CR
10.7	1.	T0	322-0004-00	Y			DL	156.	1.	T0	322-1115-00	Y		.025	CS
11.5	1.	T0	322-0007-00	Y			DL	158.	.5	T0	322-0116-01	Y			OB
12.	.1	T2	322-1008-04	Y			DL	162.	1.	T0	322-0117-00	Y	U	.025	CR
16.7	1.	T0	322-0615-00	Y		.021	CS	169.	1.	T0	322-0119-00	Y		.021	CR
21.4	1.	T0	322-0616-00	Y		.021	CR	180.	1.	T0	322-0655-00	Y		.215	CS
27.4	1.	T0	322-0043-00	Y	U	.025	CR	187.	1.	T0	322-0123-00	Y			OB
33.2	1.	T0	322-0068-00	Y		.021	CR	191.	1.	T0	322-0124-00	Y		.040	CS
40.	1.	T0	322-0601-00	Y			DL	196.	1.	T0	322-0125-00	Y			DL
45.	1.	T0	322-0602-00	Y			DL	200.	1.	T0	322-0126-00	Y		.021	CR
46.4	1.	T0	322-0065-01	Y		.010	EN	200.	.25	T9	322-0126-06	Y		.225	CS
47.7	1.	T0	322-0617-00	Y		.021	CR	205.	1.	T0	322-0127-00	Y		.037	CS
49.9	1.	T0	322-0075-00	Y		.048	CR	221.	1.	T0	322-0130-00	Y		.040	CS
50.	1.	T0	322-0618-00	Y		.021	CR	226.	1.	T0	322-0131-00	Y			DL
52.5	.5	T0	322-0645-00	Y	U	.036	CR	237.	1.	T0	322-0133-00	Y		.021	CR
53.6	1.	T0	322-0071-00	Y			NP	243.	1.	T0	322-0134-00	Y	U		OB
56.2	1.	T0	322-0073-00	Y		.021	CR	255.	1.	T0	322-0136-00	Y		.027	CS
59.	1.	T0	322-0078-00	Y			DL	261.	1.	T0	322-0137-00	Y			OB
60.	1.	T0	322-0611-00	Y		.031	CS	266.	1.	T0	322-0649-00	Y			OB
60.4	1.	T0	322-0076-00	Y			OB	266.6	.1	T9	322-0710-07	Y		.190	CR
61.3	1.	T0	322-0661-00	Y	U		DL	274.	1.	T0	322-0139-00	Y		.021	CR
61.3	.5	T0	322-0661-01	Y			OB	311.7	.1	T9	322-0703-07	Y		.085	CR
63.4	1.	T0	322-0078-00	Y			DL	316.	1.	T0	322-0145-00	Y		.021	CR
66.	.5	T0	322-0646-00	Y			OB	332.	1.	T0	322-0147-00	Y		.020	CR
66.5	1.	T0	322-0080-00	Y		.032	PP	334.	1.	T0	322-0662-00	Y		.040	CS
66.7	1.	T0	322-0619-00	Y		.333	CS	334.	.5	T0	322-0662-01	Y			OB
73.2	1.	T0	322-0084-00	Y		.027	CR	365.	1.	T0	322-0151-00	Y		.021	CR
75.	1.	T0	322-0085-00	Y		.021	CR	392.	1.	T0	322-0154-00	Y		.021	CR
76.8	1.	T0	322-0086-00	Y		.021	CR	400.	.1	T9	322-1618-07	Y		.190	PP
78.	1.	T0	322-0688-00	Y		.025	CR	402.	1.	T0	322-0155-00	Y		.021	CS
78.86	.25	T2	322-1605-03	Y	U	.095	CR	412.	1.	T0	322-0156-00	Y	U	.040	CS
82.5	1.	T0	322-0089-00	Y			OB	421.6	.1	T9	322-0702-07	Y		.190	CR
86.6	1.	T0	322-0091-00	Y		.025	CS	422.	1.	T0	322-0157-00	Y		.021	CS
88.7	1.	T0	322-0092-00	Y			OB	432.	1.	T0	322-0158-00	Y			DL
90.9	1.	T0	322-0093-00	Y		.032	CS	442.	1.	T0	322-0159-00	Y		.021	CR
93.1	1.	T0	322-0094-00	Y			OB	450.	.25	T2	322-1619-03	Y			DL
95.3	1.	T0	322-0095-00	Y		.032	CS	453.	1.	T0	322-0160-00	Y			CR
100.	1.	T0	322-0097-00	Y		.021	CR	464.	1.	T0	322-0161-00	Y		.027	CS
106.	.5	T0	322-0647-00	Y		.036	CR	487.	1.	T0	322-0163-00	Y		.040	CS
110.	1.	T0	322-0101-00	Y			OB	490.9	.1	T9	322-0701-07	Y		.190	CR
113.	1.	T0	322-0102-00	Y		.021	CR	499.	1.	T0	322-0164-00	Y		.021	CR
115.	1.	T0	322-0103-00	Y			DL	500.	1.	T0	322-0612-00	Y		.021	CR
118.	1.	T0	322-0104-00	Y		.021	CR	500.	.1	T9	322-0685-07	Y		.275	CR
121.	1.	T0	322-0105-00	Y	U	.076	CS	523.	1.	T0	322-0166-00	Y		.040	CS
121.2	.1	T9	322-0704-07	Y		.020	CR	533.	1.	T0	322-0650-00	Y			OB
122.2	.25	T2	322-0692-03	Y		.125	CS	536.	1.	T0	322-0167-00	Y		.021	CR
127.	1.	T0	322-0107-00	Y		.027	CR	576.	1.	T0	322-0170-00	Y		.021	CR
133.	1.	T0	322-0109-00	Y		.021	CR	588.1	.1	T9	322-0700-07	Y		.085	CR
133.	.5	T0	322-0648-00	Y			OB	590.	1.	T0	322-0171-00	Y		.021	CR

^a Refer to the Resistor & Capacitor Section of the Supplement Catalog (#7), under Temperature Characteristics Code for more information on TC (Temperature Coefficient.)

^b Machine insertable.

^c The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

METAL FILM .250 WATT (cont)

Resistance Ω	Tol \pm %	TC ^a	Part Number	MI ^b	Codes ^c		
					ND	Cost	ST
604.	1.	T0	322-0172-00	Y	U	.021	CR
619.	1.	T0	322-0173-00	Y		.021	CR
649.	1.	T0	322-0175-00	Y		.021	CR
667.	1.	T0	322-0651-00	Y			DL
696.	1.	T0	322-0631-00	Y			OB
698.	1.	T0	322-0178-00	Y		.021	CR
732.	1.	T0	322-0180-00	Y		.021	CR
750.	1.	T0	322-0181-00	Y		.027	CS
752.	.5	T0	322-0663-01	Y			OB
768.	1.	T0	322-0182-00	Y		.021	CR
806.	1.	T0	322-0184-00	Y	U	.021	CR
845.	1.	T0	322-0186-00	Y			DL
866.	1.	T0	322-0187-00	Y		.027	CS
887.	1.	T0	322-0188-00	Y		.040	CS
909.	1.	T0	322-0189-00	Y		.021	CR
920.	1.	T0	322-0654-00	Y			OB
953.	1.	T0	322-0191-00	Y		.060	CR
1. k	1.	T0	322-0193-00	Y		.021	CR
1. k	.25	T2	322-0632-00	Y		.125	CS
1. k	1.	T2	322-0193-08	Y		.033	CS
1. k	1.	T9	322-0193-09	Y	U	.115	CS
1.02 k	1.	T0	322-0194-00	Y		.027	CS
1.068 k	1.	T0	322-0652-00	Y			OB
1.1 k	1.	T0	322-0197-00	Y		.021	CR
1.18 k	1.	T0	322-0200-00	Y		.021	CR
1.21 k	1.	T0	322-0201-00	Y		.021	CR
1.24 k	1.	T0	322-0202-00	Y		.032	CR
1.24 k	1.	T2	322-0202-08	Y			OB
1.27 k	1.	T0	322-0203-00	Y		.021	CR
1.3 k	1.	T2	322-0204-08	Y			OB
1.33 k	1.	T0	322-0205-00	Y	U	.021	CR
1.33 k	1.	T0	322-0653-00	Y			OB
1.37 k	1.	T0	322-0206-00	Y		.021	CS
1.4 k	1.	T0	322-0207-00	Y		.027	CS
1.47 k	1.	T0	322-0209-00	Y		.021	CR
1.5 k	1.	T0	322-0210-00	Y		.021	CR
1.5 k	1.	T2	322-0210-08	Y			OB
1.54 k	1.	T0	322-0211-00	Y			OB
1.58 k	1.	T0	322-0212-00	Y		.021	CR
1.58 k	.5	T0	322-0212-01	Y			DL
1.58 k	1.	T2	322-0212-08	Y	U		OB
1.64 k	1.	T0	322-1213-00	Y			DL
1.69 k	1.	T0	322-0215-00	Y		.021	CR
1.74 k	1.	T0	322-0216-00	Y		.021	CR
1.78 k	1.	T0	322-0217-00	Y			OB
1.78 k	1.	T2	322-0217-08	Y			OB
1.82 k	1.	T0	322-0218-00	Y		.021	CR
1.87 k	1.	T0	322-0219-00	Y		.021	CR
1.96 k	1.	T0	322-0221-00	Y			OB
2. k	1.	T0	322-0222-00	Y		.021	CR
2. k	1.	T2	322-0222-08	Y	U		OB
2.05 k	1.	T0	322-0223-00	Y			CS
2.1 k	1.	T0	322-0224-00	Y			CR
2.15 k	1.	T0	322-0225-00	Y			CS
2.15 k	1.	T2	322-0225-08	Y			OB
2.21 k	1.	T2	322-0226-08	Y			OB
2.26 k	1.	T0	322-0227-00	Y		.025	CS
2.304 k	.25	T2	322-0633-00	Y		.125	CR
2.37 k	1.	T0	322-0229-00	Y		.021	CR
2.51 k	1.	T0	322-0603-00	Y		.021	CR
2.74 k	1.	T0	322-0235-00	Y	U	.077	CS
2.87 k	1.	T0	322-0237-00	Y		.021	CR
2.94 k	1.	T0	322-0238-00	Y		.021	CR
3.01 k	1.	T0	322-0239-00	Y		.021	CR
3.01 k	.5	T0	322-0239-01	Y			OB
3.01 k	1.	T2	322-0239-08	Y			OB
3.3 k	1.	T1	321-1743-00	Y			NP
3.65 k	1.	T0	322-0247-00	Y		.021	CS
3.65 k	1.	T2	322-0247-08	Y			OB
3.83 k	1.	T0	322-0249-00	Y		.021	CR
4.02 k	1.	T0	322-0251-00	Y	U	.021	CR
4.32 k	.5	T2	322-0254-02	Y		.025	CR
4.64 k	1.	T0	322-0257-00	Y		.025	CS
4.75 k	1.	T0	322-0258-00	Y			NP
5. k	1.	T0	322-0677-00	Y		.040	CS
5.03 k	1.	T0	322-0604-00	Y			OB
5.11 k	1.	T0	322-0261-00	Y		.040	CS
5.23 k	1.	T0	322-0262-00	Y			DL
5.49 k	1.	T0	322-0264-00	Y		.021	CR
5.62 k	1.	T0	322-0265-00	Y			OB
6.00 k	.1	T9	322-1620-07	Y	U	.190	PP
6.04 k	1.	T0	322-0268-00	Y		.021	CR
6.04 k	.25	T2	322-0268-03	Y		.095	CR
6.34 k	1.	T0	322-0270-00	Y		.040	CR
6.65 k	.1	T9	322-0272-00	Y			OB
6.81 k	1.	T0	322-0273-00	Y		.058	CS
7.15 k	1.	T0	322-0275-00	Y		.021	CR
7.23 k	.25	T2	322-0686-03	Y		.095	CR
7.32 k	1.	T0	322-0276-00	Y			CR
7.87 k	1.	T0	322-0279-00	Y			OB
8.06 k	1.	T0	322-0280-00	Y	U	.025	CR
8.06 k	1.	T2	322-0280-08	Y			OB
8.25 k	1.	T0	322-0281-00	Y		.040	CS
8.25 k	1.	T0	322-0675-00	Y			DL
8.25 k	.25	T9	322-0675-06	Y			DL
8.66 k	1.	T0	322-0283-00	Y		.021	CR
8.66 k	1.	T2	322-0283-08	Y			OB
9.53 k	1.	T0	322-0287-00	Y		.021	CR
10. k	1.	T0	322-0289-00	Y		.027	OT
10. k	.1	T9	322-0289-07	Y		.245	CR

^a Refer to the Resistor & Capacitor Section of the Supplement Catalog (#7), under Temperature Characteristics Code for more information on TC (Temperature Coefficient.)

^b Machine Insertable.

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METAL FILM .250 WATT (cont)

Resistance Ω	Tol \pm %	TC ^a	Part Number	MI ^b	Codes ^c		
					ND	Cost	ST
10. k	1.	T2	322-0289-08	Y			OB
10.1 k	1.	T0	322-0605-00	Y		.040	CS
10.1 k	.5	T0	322-1289-01	Y		.080	CS
10.5 k	.5	T0	322-0291-01	Y			OB
10.7 k	1.	T0	322-0292-00	Y		.021	CR
11. k	1.	T0	322-0293-08	Y			OB
12.1 k	1.	T0	322-0297-00	Y		.030	CS
12.1 k	1.	T2	322-0297-08	Y			OB
12.4 k	1.	T0	322-0298-00	Y		.021	CR
13.3 k	1.	T0	322-0301-00	Y		.041	CS
13.7 k	1.	T0	322-0302-00	Y			DL
15. k	1.	T0	322-0306-00	Y		.021	CR
16.2 k	1.	T0	322-0309-00	Y			OB
16.5 k	1.	T0	322-0310-00	Y		.150	OT
20.4 k	1.	T0	322-0613-00	Y		.051	CR
22.1 k	1.	T0	322-0322-00	Y		.021	CR
23.2 k	1.	T0	322-0324-00	Y		.025	CR
24.9 k	1.	T0	322-0327-00	Y		.025	CS
24.9 k	.25	T2	322-0327-03	Y		.125	CR
25.6 k	1.	T0	322-0606-00	Y			OB
27.4 k	1.	T0	322-0331-00	Y		.021	CR
28.7 k	1.	T0	322-0333-00	Y		.350	CS
30.1 k	1.	T0	322-0335-00	Y		.021	CR
30.9 k	1.	T0	322-0336-00	Y		.021	CR
31.6 k	1.	T0	322-0337-00	Y			OB
32.4 k	1.	T0	322-0338-00	Y		.027	CR
33.2 k	1.	T0	322-0339-00	Y			DL
33.2 k	1.	T2	322-0339-08	Y			OB
34.8 k	1.	T0	322-0341-00	Y		.021	CR
37.4 k	1.	T0	322-0344-00	Y		.021	CR
40.2 k	1.	T0	322-0347-00	Y			DL
42. k	.25	T9	322-0676-06	Y			DL
42.2 k	1.	T0	322-0349-00	Y		.041	CR
46.4 k	1.	T0	322-0353-00	Y		.040	CS
49.9 k	1.	T0	322-0356-00	Y		.021	CR
51.1 k	1.	T0	322-0357-00	Y			OB
52.6 k	1.	T0	322-0607-00	Y		.040	CS
52.6 k	.25	T2	322-1600-03	Y		.130	CS
56.2 k	1.	T0	322-0361-00	Y		.058	CR
60.4 k	1.	T0	322-0364-00	Y			OB
60.4 k	.5	T2	322-0364-02	Y			DL
60.4 k	.25	T2	322-0364-03	Y		.108	CR
61.9 k	1.	T0	322-0365-00	Y			OB
64.37 k	.5	T2	322-0697-02	Y		.099	CS
64.6 k	1.	T0	322-0367-00	Y			OB
80.6 k	1.	T0	322-0376-00	Y			OB
82.5 k	1.	T0	322-0377-00	Y		.021	CR
93.1 k	1.	T0	322-0382-00	Y		.025	CR
95.3 k	1.	T0	322-0383-00	Y			OB
100. k	1.	T0	322-0385-00	Y		.041	CR
100. k	1.	T2	322-0385-08	Y			OB
100. k	1.	T0	322-0670-00	Y			OB
100.1 k	.25	T2	322-0707-03	Y		.095	CR
104. k	1.	T0	322-1386-00	Y		.025	CR
107.3 k	1.	T0	322-0388-00	Y			DL
111. k	.5	T0	322-1389-01	Y		.080	CR
123. k	1.	T0	322-1393-00	Y			OB
124. k	1.	T0	322-0394-00	Y			DL
129. k	1.	T0	322-0696-00	Y		.060	CS
130. k	1.	T0	322-0396-00	Y		.021	CS
150. k	1.	T0	322-0402-00	Y		.021	CR
191. k	1.	T2	322-0412-08	Y			OB
200. k	1.	T0	322-0414-00	Y		.021	CS
215. k	1.	T0	322-0417-00	Y			DL
226. k	1.	T0	322-0419-00	Y			OB
232. k	1.	T0	322-0420-00	Y			OB
250. k	1.	T0	322-0614-00	Y		.021	CR
250. k	.5	T0	322-0614-01	Y		.088	CS
250. k	.1	T9	322-0614-07	Y	U	.190	CR
256. k	.25	T9	322-0682-06	Y			OB
258. k	1.	T0	322-0695-00	Y		.060	CS
333. k	1.	T0	322-0609-00	Y	U	.021	CR
333. k	.5	T0	322-0609-01	Y			OB
374. k	1.	T2	322-0440-08	Y			OB
499. k	1.	T0	322-0452-00	Y		.027	CS
500. k	1.	T0	322-0610-00	Y		.027	CS
500. k	.5	T0	322-0610-01	Y		.080	CS
500. k	.25	T2	322-0673-03	Y		.095	CR
512. k	1.	T9	322-0683-09	Y		.146	CS
517. k	1.	T0	322-0694-00	Y		.060	CS
517.1 k	.25	T2	322-1601-03	Y		.122	CS
542. k	1.	T0	322-1455-00	Y			DL
600. k	1.	T0	322-0643-00	Y		.021	OT
600. k	.5	T0	322-0643-01	Y		.080	CS
649. k	1.	T0	322-0463-00	Y			OB
665. k	1.	T0	322-0464-00	Y	U	.060	CR
666.6 k	1.	T0	322-0644-00	Y		.040	CS
666.6 k	.5	T0	322-0644-01	Y		.080	CS
747. k	.25	T2	322-0664-03	Y			OB
747. k	.25	T9	322-0664-06	Y			DL
750. k	1.	T0	322-0469-00	Y		.035	CS
750. k	.5	T0	322-0469-01	Y		.080	CS
768. k	1.	T0	322-0470-00	Y		.040	CS
787. k	1.	T0	322-0471-00	Y		.027	CS
800. k	1.	T0	322-0620-00	Y		.041	CS
800. k	.5	T0	322-0620-01	Y		.085	CR
806. k	1.	T0	322-0472-00	Y			DL
825. k	1.	T0	322-0473-00	Y		.021	CR
825. k	.5	T2	322-0473-02	Y		.100	CS
866. k	1.	T0	322-0475-00	Y			DL

^a Refer to the Resistor & Capacitor Section of the Supplement Catalog (#7), under Temperature Characteristics Code for more information on TC (Temperature Coefficient.)

^b Machine insertable.

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METAL FILM .250 WATT (cont)

Resistance Ω	Tol \pm %	TC ^a	Part Number	MI ^b	Codes ^c		
					ND	Cost	ST
900. k	1.	T0	322-0621-00	Y	U	.021	CR
900. k	.5	T0	322-0621-01	Y		.036	CR
900. k	.1	T9	322-0621-07	Y		.246	CR
910. k	.1	T9	322-0678-07	Y		.269	CS
950. k	1.	T0	322-0656-00	Y			DL
950. k	1.	T0	322-0622-00	Y		.040	CS
950. k	.5	T0	322-0622-01	Y		.080	CS
965. k	.5	T0	322-1479-01	Y			OB
975. k	.5	T0	322-0623-01	Y		.080	CR
980. k	1.	T0	322-0630-00	Y		.040	CS
990. k	1.	T0	322-0624-00	Y		.021	CR
990. k	.5	T0	322-0624-01	Y		.086	CR
990. k	.25	T2	322-0624-03	Y		.021	CR
990. k	.1	T9	322-0624-07	Y		.190	CR
995. k	1.	T0	322-0625-00	Y			OB
995. k	.25	T2	322-0625-03	Y		.095	CR
995. k	.5	T0	322-0625-01	Y		.080	CS
995. k	.5	T0	322-0706-01	Y			DL
996. k	1.	T0	322-0657-00	Y			DL
997.5 k	.5	T0	322-0626-01	Y			OB
998. k	1.	T0	322-0628-00	Y			OB
998. k	.5	T0	322-0628-01	Y			OB
999. k	1.	T0	322-0629-00	Y			OB
999. k	.5	T0	322-0629-01	Y		.080	CS
1. M	1.	T0	322-0481-00	Y		.067	CR
1. M	.5	T0	322-0481-01	Y		.036	CR
1. M	.1	T9	322-0481-07	Y		.190	CR
1. M	1.	T2	322-0481-08	Y			OB
1.005 M	.1	T9	322-0687-07	Y		.085	CR
1.024 M	1.	T9	322-0684-09	Y		.370	CR
1.035 M	.5	T2	322-1603-02	Y		.175	CS
1.036 M	1.	T0	322-0693-00	Y		.183	CS
2. M	1.	T0	322-0510-00	Y		.110	CR
2. M	.5	T2	322-0510-02	Y		.700	CS
2.075 M	1.	T0	322-1602-00	Y		.124	CS
2.49 M	.5	T0	322-0519-01	Y		.180	CR
2.8 M	.5	T0	322-0524-01	Y		.180	CR
3. M	1.	T0	322-0698-00	Y			DL
4. M	1.	T0	322-0671-00	Y		.220	CR
7. M	1.	T0	322-0666-00	Y			DL

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^b Machine Insertable.

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METAL FILM .500 WATT

Resistance Ω	Tol \pm %	TC ^a	Part Number	MI ^b	Codes ^c			Resistance Ω	Tol \pm %	TC ^a	Part Number	MI ^b	Codes ^c		
					ND	Cost	ST						ND	Cost	ST
10.	1.	T0	323-0001-00	Y			OB	28.7	1.	T0	323-0045-00	Y			DL
10.	.5	T0	323-0001-01	Y		.090	OT	29.4	1.	T0	323-0046-00	Y			DL
10.2	1.	T0	323-0002-00	Y			DL	30.1	1.	T0	323-0047-00	Y			OB
10.5	1.	T0	323-0003-00	Y			DL	30.9	1.	T0	323-0048-00	Y			DL
10.7	1.	T0	323-0004-00	Y			DL	31.6	1.	T0	323-0049-00	Y		.060	CR
11.	1.	T0	323-0005-00	Y			DL	32.4	1.	T0	323-0050-00	Y			DL
11.3	1.	T0	323-0006-00	Y		.060	CR	33.2	1.	T0	323-0051-00	Y			OB
11.5	1.	T0	323-0007-00	Y			DL	33.3	1.	T0	323-0052-00	Y			OB
11.8	1.	T0	323-0008-00	Y		.048	EN	34.	1.	T0	323-0053-00	Y			DL
12.1	1.	T0	323-0009-00	Y			DL	34.8	1.	T0	323-0054-00	Y			DL
12.4	1.	T0	323-0010-00	Y			DL	35.7	1.	T0	323-0055-00	Y		.060	CR
12.7	1.	T0	323-0011-00	Y			DL	36.5	1.	T0	323-0056-00	Y		.060	OT
13.	1.	T0	323-0012-00	Y		.060	CR	37.4	1.	T0	323-0057-00	Y			DL
13.3	1.	T0	323-0013-00	Y			DL	38.3	1.	T0	323-0058-00	Y			DL
13.7	1.	T0	323-0014-00	Y			DL	39.2	1.	T0	323-0059-00	Y		.060	CR
14.	1.	T0	323-0015-00	Y			DL	40.	.5	T0	323-0605-01	Y			OB
14.3	1.	T0	323-0016-00	Y			DL	40.2	1.	T0	323-0059-00	Y			DL
14.7	1.	T0	323-0017-00	Y			DL	40.9	1.	T0	323-0646-00	Y			OB
15.	1.	T0	323-0018-00	Y			DL	41.2	1.	T0	323-0060-00	Y		.073	CS
15.4	1.	T0	323-0019-00	Y			DL	42.2	1.	T0	323-0061-00	Y			DL
15.8	1.	T0	323-0020-00	Y			DL	43.1	1.	T0	323-0629-00	Y		.060	CR
16.2	1.	T0	323-0021-00	Y			DL	43.1	.5	T0	323-0629-01	Y		.080	CS
16.5	1.	T0	323-0022-00	Y		.060	CR	43.2	1.	T0	323-0062-00	Y	U	.048	CS
16.9	1.	T0	323-0023-00	Y			DL	44.2	1.	T0	323-0063-00	Y		.060	CR
17.4	1.	T0	323-0024-00	Y			DL	44.3	1.	T0	323-0665-00	Y			OB
17.8	1.	T0	323-0025-00	Y		.050	CS	45.3	1.	T0	323-0064-00	Y		.060	CR
18.2	1.	T0	323-0026-00	Y			DL	46.4	1.	T0	323-0065-00	Y		.060	CR
18.7	1.	T0	323-0027-00	Y			DL	47.	.5	T2	323-0688-00	Y		.160	CR
19.1	1.	T0	323-0028-00	Y			DL	47.5	1.	T0	323-0066-00	Y		.060	CR
19.6	1.	T0	323-0029-00	Y			DL	48.7	1.	T0	323-0067-00	Y			OB
19.8	1.	T0	323-0666-00	Y			OB	49.9	1.	T0	323-0068-00	Y		.068	CR
20.	1.	T0	323-0030-00	Y			OB	50.	1.	T0	323-0626-00	Y		.075	CR
20.	.5	T0	323-0030-01	Y	U	.180	CR	50.	.5	T0	323-0626-01	Y		.090	CR
20.5	1.	T0	323-0031-00	Y			DL	50.	.1	T9	323-0626-07	Y		.260	CS
21.	1.	T0	323-0032-00	Y			DL	50.	.25	T9	323-0637-06	Y			OB
21.4	1.	T0	323-0627-00	Y			OB	50.5	.5	T0	323-1068-01	Y			OB
21.4	.5	T0	323-0627-01	Y			OB	51.1	1.	T0	323-0069-00	Y		.060	CR
21.5	1.	T0	323-0033-00	Y			OB	52.3	1.	T0	323-0070-00	Y			DL
22.1	1.	T0	323-0034-00	Y		.060	CS	53.6	1.	T0	323-0071-00	Y		.060	CR
22.6	1.	T0	323-0035-00	Y			DL	54.9	1.	T0	323-0072-00	Y		.050	CS
23.2	1.	T0	323-0036-00	Y			DL	56.2	1.	T0	323-0073-00	Y		.050	CS
23.7	1.	T0	323-0037-00	Y			DL	57.6	1.	T0	323-0074-00	Y		.060	CR
24.3	1.	T0	323-0038-00	Y		.071	CS	59.	1.	T0	323-0075-00	Y		.060	CS
24.9	1.	T0	323-0039-00	Y			DL	60.	1.	T0	323-0606-00	Y		.060	CR
25.5	1.	T0	323-0040-00	Y			DL	60.	.5	T0	323-0606-01	Y			OB
26.1	1.	T0	323-0041-00	Y			DL	60.4	1.	T0	323-0076-00	Y			DL
26.7	1.	T0	323-0042-00	Y		.060	CR	61.9	1.	T0	323-0077-00	Y		.060	CR
28.	1.	T0	323-0044-00	Y		.098	CS	63.4	1.	T0	323-0078-00	Y			DL
28.6	1.	T0	323-0628-00	Y		.065	CS	64.4	1.	T0	323-0647-00	Y		.022	CR
28.6	.5	T0	323-0628-01	Y			OB	64.9	1.	T0	323-0079-00	Y		.060	CR

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METAL FILM .500 WATT (cont)

Resistance Ω	Tol \pm %	TC ^a	Part Number	MI ^b	Codes ^c			Resistance Ω	Tol \pm %	TC ^a	Part Number	MI ^b	Codes ^c		
					ND	Cost	ST						ND	Cost	ST
66.5	1.	T0	323-0080-00	Y			DL	158.	1.	T0	323-0116-00	Y		.060	CR
68.1	1.	T0	323-0081-00	Y		.060	CR	162.	1.	T0	323-0117-00	Y		.060	CR
69.8	1.	T0	323-0082-00	Y		.060	CR	165.	1.	T0	323-0118-00	Y		.065	CS
71.5	1.	T0	323-0083-00	Y		.080	CS	169.	1.	T0	323-0119-00	Y		.060	CR
72.4	.5	T0	323-0630-01	Y		.090	CS	174.	1.	T0	323-0120-00	Y		.060	CR
72.4	1.	T0	323-0630-00	Y		.065	CS	178.	1.	T0	323-0121-00	Y		.060	CR
73.2	1.	T0	323-0084-00	Y			DL	182.	1.	T0	323-0122-00	Y		.060	CR
75.	1.	T0	323-0085-00	Y		.060	CR	187.	1.	T0	323-0123-00	Y		.060	CR
75.	.1	T9	323-0085-07	Y		.270	CR	191.	1.	T0	323-0124-00	Y		.065	CS
76.1	1.	T0	323-0648-00	Y		.070	CR	195.7	.25	T2	323-0682-00	Y		.135	CS
76.8	1.	T0	323-0086-00	Y		.060	CR	196.	1.	T0	323-0125-00	Y		.060	CR
78.7	1.	T0	323-0087-00	Y			DL	200.	1.	T0	323-0126-00	Y		.060	CR
80.6	1.	T0	323-0088-00	Y		.060	CR	200.	.5	T0	323-0126-01	Y		.080	CS
82.5	1.	T0	323-0089-00	Y		.060	CR	204.	.5	T0	323-0731-01	Y		.080	CS
84.5	1.	T0	323-0090-00	Y		.060	CR	205.	1.	T0	323-0127-00	Y		.060	CR
86.6	1.	T0	323-0091-00	Y			DL	210.	1.	T0	323-0128-00	Y		.060	CR
88.7	1.	T0	323-0092-00	Y		.060	CR	215.	1.	T0	323-0129-00	Y	U	.060	CR
90.	.5	T0	323-0728-01	Y		.080	OT	221.	1.	T0	323-0130-00	Y		.070	CS
90.9	1.	T0	323-0093-00	Y		.060	CR	226.	1.	T0	323-0131-00	Y		.060	CR
93.1	1.	T0	323-0094-00	Y		.060	CR	232.	1.	T0	323-0132-00	Y		.060	CR
95.3	1.	T0	323-0095-00	Y		.060	CR	237.	1.	T0	323-0133-00	Y		.060	CR
97.6	1.	T0	323-0096-00	Y			DL	243.	1.	T0	323-0134-00	Y		.060	CR
100.	1.	T0	323-0097-00	Y		.060	CR	249.	1.	T0	323-0135-00	Y		.080	CR
100.	.5	T0	323-0097-01	Y		.080	CS	251.3	.5	T0	323-0717-01	Y			OB
100.	.25	T2	323-0097-03	Y		.180	CR	255.	1.	T0	323-0136-00	Y		.060	CR
100.	.1	T9	323-0097-07	Y		.270	CR	261.	1.	T0	323-0137-00	Y		.080	CS
100.2	.5	T0	323-0716-01	Y			OB	267.	1.	T0	323-0138-00	Y		.060	CR
102.	1.	T0	323-0098-00	Y		.070	CS	274.	1.	T0	323-0139-00	Y		.070	CR
105.	1.	T0	323-0099-00	Y		.060	CR	280.	1.	T0	323-0140-00	Y	A	.060	CR
105.	.25	T2	323-0099-03	Y			DL	287.	1.	T0	323-0141-00	Y		.060	CR
107.	1.	T0	323-0100-00	Y			DL	294.	1.	T0	323-0142-00	Y			OB
110.	1.	T0	323-0101-00	Y		.060	OT	301.	1.	T0	323-0143-00	Y		.086	CR
113.	1.	T0	323-0102-00	Y		.060	CS	309.	1.	T0	323-0144-00	Y		.060	CR
115.	1.	T0	323-0103-00	Y			DL	316.	1.	T0	323-0145-00	Y		.060	CR
120.	.5	T0	323-1104-01	Y			OB	324.	1.	T0	323-0146-00	Y		.065	CS
121.	1.	T0	323-0105-00	Y		.060	CR	328.	1.	T0	323-0624-00	Y			DL
122.5	.25	T2	323-0782-03	Y			OB	332.	1.	T0	323-0147-00	Y		.060	CR
124.	1.	T0	323-0106-00	Y		.072	CR	332.	.5	T0	323-0147-01	Y		.113	CR
127.	1.	T0	323-0107-00	Y		.060	CR	340.	1.	T0	323-0148-00	Y		.020	CR
130.	1.	T0	323-0108-00	Y		.060	CR	348.	1.	T0	323-0149-00	Y		.080	CR
133.	1.	T0	323-0109-00	Y		.065	CS	357.	1.	T0	323-0150-00	Y		.060	CR
137.	1.	T0	323-0110-00	Y		.065	CS	365.	1.	T0	323-0151-00	Y		.060	CR
140.	1.	T0	323-0111-00	Y			DL	374.	1.	T0	323-0152-00	Y		.060	CR
143.	1.	T0	323-0112-00	Y		.068	CS	383.	1.	T0	323-0153-00	Y		.076	CR
146.	.5	T0	323-0704-01	Y		.090	CR	386.	1.	T0	323-0676-00	Y			OB
146.1	1.	T0	323-0631-00	Y			OB	392.	1.	T0	323-0154-00	Y		.098	CR
146.1	.5	T0	323-0631-01	Y			OB	402.	1.	T0	323-0155-00	Y		.060	CR
147.	1.	T0	323-0113-00	Y			DL	402.	.5	T2	323-0689-00	Y		.160	CR
150.	1.	T0	323-0114-00	Y		.060	CR	412.	1.	T0	323-0156-00	Y		.060	CR
154.	1.	T0	323-0115-00	Y	U	.073	CR	422.	1.	T0	323-0157-00	Y		.060	CR

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METAL FILM .500 WATT (cont)

Resistance Ω	Tol \pm %	TC ^a	Part Number	MI ^b	Codes ^c		
					ND	Cost	ST
422.	.5	T2	323-0690-00	Y		.160	CR
432.	1.	T0	323-0158-00	Y		.060	CR
442.	1.	T0	323-0159-00	Y		.071	CS
452.	1.	T0	323-0632-00	Y			OB
452.	.5	T0	323-0632-01	Y			OB
453.	1.	T0	323-0160-00	Y		.060	CR
464.	1.	T0	323-0161-00	Y		.068	CR
475.	1.	T0	323-0162-00	Y		.065	CS
487.	1.	T0	323-0163-00	Y		.065	CS
499.	1.	T0	323-0164-00	Y		.060	CR
499.	1.	T9	323-0164-09	Y		.164	CS
505.	.5	T0	323-1164-01	Y			OB
505.4	.25	T2	323-0781-03	Y			OB
511.	1.	T0	323-0165-00	Y		.060	CR
523.	1.	T0	323-0166-00	Y		.070	CS
536.	1.	T0	323-0167-00	Y		.060	CR
549.	1.	T0	323-0168-00	Y		.060	CR
562.	1.	T0	323-0169-00	Y			OB
576.	1.	T0	323-0170-00	Y		.060	CR
590.	1.	T0	323-0171-00	Y		.260	CR
600.	1.	T0	323-0607-00	Y		.080	CS
600.	.5	T0	323-0607-01	Y		.080	CS
604.	1.	T0	323-0172-00	Y		.060	CR
604.	.25	T9	323-0172-06	Y		.260	CS
610.	.5	T0	323-0671-01	Y			OB
619.	1.	T0	323-0173-00	Y		.060	CR
634.	1.	T0	323-0174-00	Y			OB
649.	1.	T0	323-0175-00	Y		.060	CR
665.	1.	T0	323-0176-00	Y		.060	CR
681.	1.	T0	323-0177-00	Y	U	.060	CR
698.	1.	T0	323-0178-00	Y		.060	CR
715.	1.	T0	323-0179-00	Y		.060	CR
732.	1.	T0	323-0180-00	Y			DL
741.	1.	T0	323-0625-00	Y			DL
750.	1.	T0	323-0181-00	Y		.072	CR
768.	1.	T0	323-0182-00	Y		.068	CR
787.	1.	T0	323-0183-00	Y		.068	CR
800.	.5	T0	323-0706-01	Y		.090	CR
801.	1.	T0	323-0633-00	Y		.060	CR
801.	.5	T0	323-0633-01	Y			OB
806.	1.	T0	323-0184-00	Y		.060	CR
825.	1.	T0	323-0185-00	Y		.060	CR
845.	1.	T0	323-0186-00	Y		.060	CR
866.	1.	T0	323-0187-00	Y		.060	CR
887.	1.	T0	323-0188-00	Y		.060	CR
900.	.5	T0	323-0729-01	Y		.090	CR
909.	1.	T0	323-0189-00	Y		.060	CR
931.	1.	T0	323-0190-00	Y		.060	CS
953.	1.	T0	323-0191-00	Y		.060	CR
976.	1.	T0	323-0192-00	Y		.060	CR
976.	1.	T9	323-0192-09	Y		.130	CR
996.	1.	T0	323-0677-00	Y			OB
1. k	1.	T0	323-0193-00	Y		.060	CR
1. k	.5	T0	323-0193-01	Y		.090	CR
1. k	.1	T9	323-0193-07	Y		.270	CR
1.02 k	1.	T0	323-0194-00	Y			OB
1.02 k	.5	T0	323-0194-01	Y			OB
1.025 k	.5	T0	323-0664-01	Y			OB
1.025 k	1.	T0	323-0664-00	Y			OB
1.05 k	1.	T0	323-0195-00	Y		.068	CR
1.07 k	1.	T0	323-0196-00	Y		.060	CS
1.1 k	1.	T0	323-0197-00	Y		.060	CR
1.1 k	.1	T9	323-0197-07	Y			DL
1.1 k	.5	T2	323-0639-00	Y			OB
1.13 k	1.	T0	323-0198-00	Y		.060	CR
1.15 k	1.	T0	323-0199-00	Y			OB
1.18 k	1.	T0	323-0200-00	Y			OB
1.2 k	.25	T2	323-1200-03	Y			OB
1.2 k	.1	T9	323-1200-07	Y		.270	CR
1.21 k	1.	T0	323-0201-00	Y		.080	CS
1.24 k	1.	T0	323-0202-00	Y			OB
1.27 k	1.	T0	323-0203-00	Y		.060	CR
1.3 k	1.	T0	323-0204-00	Y		.060	CR
1.33 k	1.	T0	323-0205-00	Y		.060	CR
1.33 k	1.	T9	323-0205-09	Y			OB
1.37 k	1.	T0	323-0206-00	Y		.060	CR
1.375 k	1.	T9	323-0771-09	Y		.140	CS
1.4 k	1.	T0	323-0207-00	Y		.068	CR
1.43 k	1.	T0	323-0208-00	Y		.060	CR
1.47 k	1.	T0	323-0209-00	Y		.065	CS
1.5 k	1.	T0	323-0210-00	Y		.060	CR
1.54 k	1.	T0	323-0211-00	Y			DL
1.58 k	1.	T0	323-0212-00	Y		.060	CR
1.62 k	1.	T0	323-0213-00	Y			OB
1.65 k	1.	T0	323-0214-00	Y		.060	CR
1.69 k	1.	T0	323-0215-00	Y			OB
1.74 k	1.	T0	323-0216-00	Y		.060	CR
1.78 k	1.	T0	323-0217-00	Y			OB
1.782 k	.5	T0	323-0707-01	Y			OB
1.789 k	1.	T0	323-0634-00	Y			OB
1.789 k	.5	T0	323-0634-01	Y			OB
1.8 k	.5	T0	323-1217-01	Y		.080	CS
1.82 k	1.	T0	323-0218-00	Y		.060	CS
1.86 k	.25	T2	323-0683-00	Y			OB
1.87 k	1.	T0	323-0219-00	Y		.060	CR
1.91 k	1.	T0	323-0220-00	Y		.060	CR
1.928 k	.25	T2	323-0684-00	Y		.135	CS
1.96 k	1.	T0	323-0221-00	Y			OB
2. k	1.	T0	323-0222-00	Y		.060	CR
2. k	.5	T0	323-0222-01	Y		.090	CR

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METAL FILM .500 WATT (cont)

Resistance Ω	Tol \pm %	TC ^a	Part Number	MI ^b	Codes ^c		
					ND	Cost	ST
2.05 k	1.	T0	323-0223-00	Y		.065	CS
2.084 k	.5	T0	323-0718-01	Y			DL
2.1 k	1.	T0	323-0224-00	Y			OB
2.1 k	.5	T0	323-0224-01	Y		.130	CS
2.15 k	1.	T0	323-0225-00	Y		.065	CS
2.15 k	1.	T9	323-0225-09	Y		.130	CS
2.21 k	1.	T0	323-0226-00	Y		.073	CS
2.26 k	1.	T0	323-0227-00	Y		.060	CR
2.32 k	1.	T0	323-0228-00	Y		.073	CS
2.37 k	1.	T0	323-0229-00	Y		.093	CS
2.43 k	1.	T0	323-0230-00	Y		.072	CR
2.49 k	1.	T0	323-0231-00	Y		.060	CR
2.55 k	1.	T0	323-0232-00	Y			OB
2.61 k	1.	T0	323-0233-00	Y	U	.060	CR
2.631 k	.5	T0	323-0719-01	Y			OB
2.67 k	1.	T0	323-0234-00	Y			OB
2.74 k	1.	T0	323-0235-00	Y		.065	CS
2.8 k	1.	T0	323-0236-00	Y		.060	CM
2.85 k	.25	T2	323-0779-03	Y			OB
2.87 k	1.	T0	323-0237-00	Y		.060	CR
2.94 k	1.	T0	323-0238-00	Y			DL
3. k	.1	T9	323-0758-07	Y		.284	CS
3.01 k	1.	T0	323-0239-00	Y			OB
3.01 k	.1	T9	323-0239-07	Y			DL
3.09 k	1.	T0	323-0240-00	Y			OB
3.16 k	1.	T0	323-0241-00	Y		.250	CR
3.24 k	1.	T0	323-0242-00	Y			OB
3.32 k	1.	T0	323-0243-00	Y		.060	CR
3.32 k	.5	T0	323-0243-01	Y			OB
3.4 k	1.	T0	323-0244-00	Y		.080	CS
3.48 k	1.	T0	323-0245-00	Y		.060	CR
3.57 k	1.	T0	323-0246-00	Y		.250	CS
3.6 k	.25	T2	323-0741-03	Y			OB
3.65 k	1.	T0	323-0247-00	Y			DL
3.74 k	1.	T0	323-0248-00	Y		.080	CS
3.83 k	1.	T0	323-0249-00	Y			OB
3.92 k	1.	T0	323-0250-00	Y			DL
4.02 k	1.	T0	323-0251-00	Y		.060	CR
4.02 k	1.	T9	323-0251-09	Y		.166	CS
4.05 k	.1	T9	323-0761-07	Y	U	.270	CR
4.12 k	1.	T0	323-0252-00	Y			OB
4.22 k	1.	T0	323-0253-00	Y		.060	CR
4.22 k	1.	T9	323-0253-09	Y			DL
4.225 k	1.	T0	323-0663-00	Y			OB
4.28 k	1.	T0	323-0662-00	Y			OB
4.32 k	1.	T0	323-0254-00	Y		.065	CS
4.42 k	1.	T0	323-0255-00	Y		.060	CR
4.53 k	1.	T0	323-0256-00	Y		.060	CR
4.64 k	1.	T0	323-0257-00	Y		.140	CR
4.64 k	1.	T9	323-0257-09	Y		.140	CR
4.73 k	1.	T0	323-0678-00	Y			OB
4.75 k	1.	T0	323-0258-00	Y		.060	CR
4.87 k	1.	T0	323-0259-00	Y		.070	CS
4.99 k	1.	T0	323-0260-00	Y		.060	CR
4.99 k	1.	T2	323-0260-08	Y			OB
5.11 k	1.	T0	323-0261-00	Y		.065	CS
5.23 k	1.	T0	323-0262-00	Y			DL
5.36 k	1.	T0	323-0263-00	Y			DL
5.49 k	1.	T0	323-0264-00	Y		.060	CR
5.556 k	.5	T0	323-0720-01	Y	U	.090	CR
5.62 k	1.	T0	323-0265-00	Y		.060	CR
5.76 k	1.	T0	323-0266-00	Y		.060	CR
5.9 k	1.	T0	323-0267-00	Y		.060	CR
5.967 k	.25	T2	323-0650-00	Y			DL
6. k	1.	T0	323-0608-00	Y		.072	CS
6. k	.5	T0	323-0608-01	Y			OB
6.04 k	1.	T0	323-0268-00	Y		.080	CS
6.19 k	1.	T0	323-0269-00	Y		.072	CR
6.19 k	1.	T9	323-0269-09	Y		.130	CR
6.34 k	1.	T0	323-0270-00	Y	A	.090	CS
6.375 k	.5	T0	323-0672-01	Y			OB
6.49 k	1.	T0	323-0271-00	Y			OB
6.628 k	.5	T0	323-0708-01	Y			OB
6.65 k	1.	T0	323-0272-00	Y		.060	CR
6.667 k	1.	T0	323-0635-00	Y			OB
6.667 k	.5	T0	323-0635-01	Y			OB
6.71 k	1.	T9	323-0772-09	Y		.140	CS
6.81 k	1.	T0	323-0273-00	Y		.065	CS
6.9 k	1.	T0	323-1273-00	Y			DL
6.98 k	1.	T0	323-0274-00	Y		.065	CS
7. k	.1	T9	323-0763-07	Y	U	.273	CS
7.15 k	1.	T0	323-0275-00	Y	U	.060	CR
7.32 k	1.	T0	323-0276-00	Y			OB
7.5 k	1.	T0	323-0277-00	Y		.080	CR
7.68 k	1.	T0	323-0278-00	Y		.080	CS
7.87 k	1.	T0	323-0279-00	Y			OB
8.06 k	1.	T0	323-0280-00	Y		.065	CS
8.25 k	1.	T0	323-0281-00	Y		.065	CS
8.45 k	1.	T0	323-0282-00	Y		.060	CR
8.57 k	.25	T2	323-0670-00	Y			OB
8.66 k	1.	T0	323-0283-00	Y		.072	CR
8.66 k	.5	T0	323-0691-00	Y		.080	CS
8.87 k	1.	T0	323-0284-00	Y		.073	CS
9. k	.5	T0	323-0730-01	Y		.090	CR
9.09 k	1.	T0	323-0285-00	Y		.060	CR
9.31 k	1.	T0	323-0286-00	Y			OB
9.5 k	.5	T0	323-0673-01	Y			OB
9.53 k	1.	T0	323-0287-00	Y		.060	CR
9.76 k	1.	T0	323-0288-00	Y			OB
9.76 k	.25	T2	323-0288-03	Y			OB

^a Refer to the Resistor & Capacitor Section of the Supplement Catalog (#7), under Temperature Characteristics Code for more information on TC (Temperature Coefficient.)

^b Machine insertable.

^c The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

METAL FILM .500 WATT (cont)

Resistance Ω	Tol \pm %	TC ^a	Part Number	MI ^b	Codes ^c			Resistance Ω	Tol \pm %	TC ^a	Part Number	MI ^b	Codes ^c		
					ND	Cost	ST						ND	Cost	ST
10. k	1.	T0	323-0289-00	Y		.060	CR	21. k	1.	T0	323-0320-00	Y		.080	CS
10. k	.5	T0	323-0289-01	Y			OB	21.5 k	1.	T0	323-0321-00	Y		.080	CS
10. k	.1	T9	323-0289-07	Y		.270	CS	21.8 k	.5	T0	323-1321-01	Y			OB
10.048 k	.5	T0	323-0709-01	Y			OB	22.1 k	1.	T0	323-0322-00	Y		.060	CR
10.2 k	1.	T0	323-0290-00	Y			OB	22.1 k	.5	T0	323-0322-01	Y			OB
10.5 k	1.	T0	323-0291-00	Y		.071	CS	22.34 k	.1	T9	323-0795-07	Y			OB
10.7 k	1.	T0	323-0292-00	Y		.060	CS	22.6 k	1.	T0	323-0323-00	Y		.092	CR
11. k	1.	T0	323-0293-00	Y		.060	CR	23.2 k	1.	T0	323-0324-00	Y		.080	CS
11.17 k	.1	T9	323-0794-07	Y		.270	CR	23.7 k	1.	T0	323-0325-00	Y			DL
11.3 k	1.	T0	323-0294-00	Y		.048	CS	24.3 k	1.	T0	323-0326-00	Y			OB
11.34 k	.1	T9	323-0796-07	Y		.200	CR	24.9 k	1.	T0	323-0327-00	Y		.060	CR
11.5 k	1.	T0	323-0295-00	Y		.060	CR	25. k	.25	T2	323-0790-03	Y		.185	CS
11.76 k	.25	T2	323-0778-03	Y		.135	CS	25.2 k	.5	T2	323-1327-02	Y		.160	CR
11.8 k	1.	T0	323-0296-00	Y		.071	CS	25.5 k	1.	T0	323-0328-00	Y		.068	OT
12.1 k	1.	T0	323-0297-00	Y		.080	CS	26.1 k	1.	T0	323-0329-00	Y			OB
12.4 k	1.	T0	323-0298-00	Y		.080	CR	26.67 k	.1	T9	323-0802-07	Y		.270	CR
12.5 k	.5	T0	323-0721-01	Y			OB	26.7 k	1.	T0	323-0330-00	Y		.080	CS
12.5 k	1.	T0	323-0721-00	Y			DL	27.4 k	1.	T0	323-0331-00	Y		.072	CS
12.7 k	1.	T0	323-0299-00	Y		.072	CS	28. k	1.	T0	323-0332-00	Y		.068	CR
13. k	1.	T0	323-0300-00	Y		.060	CR	28.7 k	1.	T0	323-0333-00	Y		.065	CR
13.3 k	1.	T0	323-0301-00	Y		.060	CR	29.4 k	1.	T0	323-0334-00	Y			OB
13.3 k	.5	T0	323-0301-01	Y			OB	30.1 k	1.	T0	323-0335-00	Y	U	.060	CR
13.7 k	1.	T0	323-0302-00	Y		.060	CS	30.9 k	1.	T0	323-0336-00	Y			OB
14. k	1.	T0	323-0303-00	Y		.060	CR	31.6 k	1.	T0	323-0337-00	Y		.060	CR
14.3 k	1.	T0	323-0304-00	Y		.060	CR	32.4 k	1.	T0	323-0338-00	Y		.060	CR
14.7 k	1.	T0	323-0305-00	Y		.065	CS	33.2 k	1.	T0	323-0339-00	Y		.060	CR
15. k	1.	T0	323-0306-00	Y		.060	CR	33.33 k	.5	T0	323-0715-01	Y			DL
15. k	.5	T0	323-0306-01	Y			OB	34. k	1.	T0	323-0340-00	Y			DL
15.4 k	1.	T0	323-0307-00	Y		.073	CS	34.8 k	1.	T0	323-0341-00	Y		.067	CR
15.8 k	1.	T0	323-0308-00	Y		.060	CR	35.7 k	1.	T0	323-0342-00	Y		.080	CS
16. k	.1	T9	323-1308-07	Y		.270	CR	36.5 k	1.	T0	323-0343-00	Y		.060	CS
16.2 k	1.	T0	323-0309-00	Y		.060	CR	37.4 k	1.	T0	323-0344-00	Y	U	.060	CR
16.5 k	1.	T0	323-0310-00	Y		.072	CR	38.3 k	1.	T0	323-0345-00	Y		.060	CR
16.66 k	.5	T0	323-0722-01	Y			DL	38.3 k	.5	T2	323-0345-02	Y			OB
16.9 k	1.	T0	323-0311-00	Y			OB	39.2 k	1.	T0	323-0346-00	Y		.080	CS
17.4 k	1.	T0	323-0312-00	Y		.072	CR	40. k	.1	T9	323-0803-07	Y		.270	CR
17.8 k	1.	T0	323-0313-00	Y		.060	CR	40.2 k	1.	T0	323-0347-00	Y		.060	CR
18. k	.5	T0	323-1313-01	Y			OB	40.2 k	1.	T9	323-0347-09	Y		.080	CS
18.05 k	.25	T2	323-0669-00	Y			OB	41.2 k	1.	T0	323-0348-00	Y		.068	CS
18.2 k	1.	T0	323-0314-00	Y		.060	CR	42.2 k	1.	T0	323-0349-00	Y		.060	CR
18.7 k	1.	T0	323-0315-00	Y		.060	CR	43.2 k	1.	T0	323-0350-00	Y		.060	CR
18.9 k	1.	T0	323-0679-00	Y			OB	44.2 k	1.	T0	323-0351-00	Y			OB
19.1 k	1.	T0	323-0316-00	Y		.060	CR	45.3 k	1.	T0	323-0352-00	Y		.060	CR
19.6 k	1.	T0	323-0317-00	Y		.060	CR	45.3 k	1.	T9	323-0352-09	Y		.164	CS
20. k	1.	T0	323-0318-00	Y		.060	CR	46.4 k	1.	T0	323-0353-00	Y		.085	CR
20. k	.5	T0	323-0318-01	Y		.080	CS	47.5 k	1.	T0	323-0354-00	Y		.060	CR
20. k	1.	T2	323-0318-08	Y			OB	47.5 k	.1	T9	323-0354-07	Y		.260	CS
20. k	.1	T9	323-0318-07	Y		.270	CR	48.7 k	1.	T0	323-0355-00	Y		.060	CR
20. k	.25	T0	323-0609-00	Y		.830	CR	48.7 k	1.	T9	323-0355-09	Y		.165	CR
20.5 k	1.	T0	323-0319-00	Y			DL	49.9 k	1.	T0	323-0356-00	Y		.060	CR

^a Refer to the Resistor & Capacitor Section of the Supplement Catalog (#7), under Temperature Characteristics Code for more information on TC (Temperature Coefficient.)

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METAL FILM .500 WATT (cont)

Resistance Ω	Tol \pm %	TC ^a	Part Number	Mi ^b	Codes ^c			Resistance Ω	Tol \pm %	TC ^a	Part Number	Mi ^b	Codes ^c		
					ND	Cost	ST						ND	Cost	ST
49.9 k	1.	T9	323-0356-09	Y		.164	CS	97.6 k	.5	T2	323-0384-02	Y		.160	CS
50. k	1.	T0	323-0636-00	Y		.065	CS	97.6 k	1.	T9	323-0384-09	Y		.179	CS
50. k	.5	T0	323-0636-01	Y		.090	CR	100. k	1.	T0	323-0385-00	Y		.060	CR
50. k	.25	T9	323-0638-06	Y		.210	CS	100. k	.5	T0	323-0385-01	Y		.090	CR
50. k	.1	T9	323-0636-07	Y		.270	CS	100. k	.25	T2	323-0385-03	Y		.185	CS
51.1 k	1.	T0	323-0357-00	Y			OB	100. k	.1	T9	323-0385-07	Y		.270	CS
52.3 k	1.	T0	323-0358-00	Y		.073	CS	102. k	1.	T0	323-0386-00	Y		.065	CS
52.7 k	.25	T2	323-0685-00	Y		.135	CS	105. k	1.	T0	323-0387-00	Y		.065	CS
54. k	.1	T9	323-0686-00	Y			DL	107. k	1.	T0	323-0388-00	Y		.060	CR
54.9 k	1.	T0	323-0360-00	Y		.068	CS	107. k	.25	T2	323-0602-00	Y			OB
55.85 k	.1	T9	323-0785-07	Y		.270	CR	110. k	1.	T0	323-0389-00	Y		.065	CS
56.2 k	1.	T0	323-0361-00	Y			DL	111. k	1.	T0	323-0610-00	Y			OB
57.6 k	1.	T0	323-0362-00	Y		.073	CR	111. k	.5	T0	323-1389-01	Y		.130	CR
57.6 k	.5	T2	323-0362-02	Y			OB	111.7 k	.1	T9	323-0786-07	Y		.270	CR
59. k	1.	T0	323-0363-00	Y		.073	CS	113. k	1.	T0	323-0390-00	Y		.068	CR
60. k	.1	T9	323-0792-07	Y		.270	CS	115. k	1.	T0	323-0391-00	Y			OB
60.4 k	1.	T0	323-0364-00	Y		.065	CS	118. k	1.	T0	323-0392-00	Y			OB
61.9 k	1.	T0	323-0365-00	Y		.080	CR	118.7 k	.1	T9	323-0774-07	Y		.250	CS
61.9 k	1.	T2	323-0365-08	Y		.075	CS	121. k	1.	T0	323-0393-00	Y		.073	CR
63.4 k	1.	T0	323-0366-00	Y		.060	CR	121. k	.5	T0	323-0696-00	Y			OB
64.9 k	1.	T0	323-0367-00	Y			OB	121.3 k	.5	T2	323-0753-02	Y			OB
65.2 k	.5	T0	323-0713-01	Y			OB	124. k	1.	T0	323-0394-00	Y		.065	CS
66.2 k	.5	T0	323-0754-01	Y			OB	127. k	1.	T0	323-0395-00	Y		.060	CR
66.5 k	1.	T0	323-0368-00	Y			OB	127. k	.5	T0	323-0395-01	Y			OB
66.67 k	.1	T9	323-0804-07	Y		.270	CR	130. k	1.	T0	323-0396-00	Y		.065	CR
68.1 k	1.	T0	323-0369-00	Y		.068	CS	130. k	.25	T9	323-0396-06	Y		.210	CS
69.8 k	1.	T0	323-0370-00	Y			OB	133. k	1.	T0	323-0397-00	Y			OB
71.25 k	.1	T9	323-0775-07	Y		.284	CS	137. k	1.	T0	323-0398-00	Y		.072	CS
71.5 k	1.	T0	323-0371-00	Y		.075	CR	140. k	1.	T0	323-0399-00	Y		.065	CS
73.2 k	1.	T0	323-0372-00	Y			DL	143. k	1.	T0	323-0400-00	Y		.065	CS
75. k	.25	T9	323-0618-00	Y			DL	147. k	1.	T0	323-0401-00	Y			OB
75. k	1.	T0	323-0373-00	Y		.080	CS	150. k	1.	T0	323-0402-00	Y		.060	CR
75. k	.5	T2	323-0654-00	Y			OB	150. k	.1	T9	323-0402-07	Y		.270	CS
76.8 k	1.	T0	323-0374-00	Y		.060	CR	150. k	.5	T2	323-0649-00	Y			OB
78.7 k	.5	T0	323-0375-01	Y		.090	CR	154. k	1.	T0	323-0403-00	Y		.065	CR
78.7 k	1.	T0	323-0375-00	Y			OB	157.4 k	.5	T2	323-0739-02	Y		.095	CS
80. k	.1	T9	323-0805-07	Y		.270	CR	157.4 k	.1	T9	323-0739-07	Y			OB
80.6 k	1.	T0	323-0376-00	Y		.073	CS	158. k	1.	T0	323-0404-00	Y		.060	CR
82.5 k	1.	T0	323-0377-00	Y			OB	160. k	.1	T9	323-1404-07	Y		.270	CR
84.5 k	1.	T0	323-0378-00	Y		.060	CR	162. k	1.	T0	323-0405-00	Y			OB
86.6 k	1.	T0	323-0379-00	Y			OB	165. k	1.	T0	323-0406-00	Y		.085	CS
88.7 k	1.	T0	323-0380-00	Y		.080	CR	169. k	1.	T0	323-0407-00	Y			OB
90. k	.5	T2	323-0798-01	Y		.130	CR	174. k	1.	T0	323-0408-00	Y		.073	CS
90.9 k	1.	T0	323-0381-00	Y		.073	CR	178. k	1.	T0	323-0409-00	Y		.065	CS
90.9 k	.1	T9	323-0381-07	Y		.270	CR	180. k	.5	T0	323-1409-01	Y			OB
92. k	.25	T2	323-0601-00	Y			OB	182. k	1.	T0	323-0410-00	Y		.250	CR
93.1 k	1.	T0	323-0382-00	Y		.080	CR	187. k	1.	T0	323-0411-00	Y		.073	CS
95.3 k	1.	T0	323-0383-00	Y			OB	191. k	1.	T0	323-0412-00	Y		.085	CS
95.3 k	.1	T9	323-0383-07	Y			DL	192.2 k	.5	T0	323-0714-01	Y			OB
97.6 k	1.	T0	323-0384-00	Y			OB	196. k	1.	T0	323-0413-00	Y			OB

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METAL FILM .500 WATT (cont)

Resistance Ω	Tol \pm %	TC ^a	Part Number	MI ^b	Codes ^c		
					ND	Cost	ST
196.4 k	.5	T0	323-0755-01	Y			OB
200. k	1.	T0	323-0414-00	Y		.060	CR
200. k	.5	T0	323-0414-01	Y		.130	CS
200. k	.1	T9	323-0414-07	Y		.270	CR
200. k	1.	T9	323-0414-09	Y		.179	CS
204. k	1.	T0	323-0724-00	Y			OB
205. k	1.	T0	323-0415-00	Y		.080	CR
210. k	1.	T0	323-0416-00	Y		.085	CS
215. k	1.	T0	323-0417-00	Y			DL
216. k	.25	T2	323-0687-00	Y			DL
221. k	.25	T3	323-0619-00	Y			DL
221. k	1.	T0	323-0418-00	Y		.080	CS
221. k	.5	T2	323-0653-00	Y			OB
223.4 k	.1	T9	323-0787-07	Y		.270	CR
226. k	1.	T0	323-0419-00	Y			OB
232. k	1.	T0	323-0420-00	Y		.080	CR
237. k	1.	T0	323-0421-00	Y			DL
243. k	1.	T0	323-0422-00	Y		.085	CR
247. k	1.	T0	323-0674-00	Y			OB
249. k	1.	T0	323-0423-00	Y		.080	CS
249. k	1.	T2	323-0423-08	Y		.110	CS
250. k	.25	T2	323-0742-03	Y		.135	CS
250. k	.1	T9	323-0742-07	Y		.284	SC
255. k	1.	T0	323-0424-00	Y			OB
261. k	1.	T0	323-0425-00	Y		.283	CS
261. k	.25	T9	323-0425-06	Y		.210	CS
266.7 k	.1	T9	323-0806-07	Y		.270	CR
267. k	1.	T0	323-0426-00	Y		.073	CS
274. k	1.	T0	323-0427-00	Y			DL
280. k	1.	T0	323-0428-00	Y			OB
287. k	1.	T0	323-0429-00	Y		.098	CS
291. k	.5	T2	323-1429-02	Y			OB
294. k	1.	T0	323-0430-00	Y			OB
300. k	.5	T0	323-0725-01	Y			OB
301. k	1.	T0	323-0431-00	Y		.070	CR
301. k	.5	T0	323-0697-00	Y			OB
306. k	1.	T0	323-0726-00	Y		.100	CS
309. k	1.	T0	323-0432-00	Y			DL
316. k	1.	T0	323-0433-00	Y		.060	CR
324. k	1.	T0	323-0434-00	Y			OB
332. k	1.	T0	323-0435-00	Y			DL
340. k	1.	T0	323-0436-00	Y		.060	CR
348. k	1.	T0	323-0437-00	Y		.100	CS
357. k	1.	T0	323-0438-00	Y			OB
365. k	1.	T0	323-0439-00	Y			DL
374. k	1.	T0	323-0440-00	Y			OB
383. k	1.	T0	323-0441-00	Y		.080	CS
392. k	1.	T0	323-0442-00	Y			OB
400. k	.1	T9	323-0807-07	Y		.270	CR
402. k	1.	T0	323-0443-00	Y			OB
402. k	.5	T0	323-0443-01	Y			CR
404. k	.25	T2	323-0776-03	Y		.135	CS
412. k	1.	T0	323-0444-00	Y			DL
422. k	1.	T0	323-0445-00	Y			OB
422. k	.5	T0	323-0445-01	Y		.090	CR
432. k	1.	T0	323-0446-00	Y			OB
437. k	1.	T0	323-1446-00	Y			OB
442. k	1.	T0	323-0447-00	Y		.065	CS
453. k	1.	T0	323-0448-00	Y			OB
464. k	1.	T0	323-0449-00	Y		.065	CS
475. k	1.	T0	323-0450-00	Y		.065	CS
475. k	.1	T9	323-0450-07	Y		.284	CS
487. k	1.	T0	323-0451-00	Y			DL
499. k	1.	T0	323-0452-00	Y	U	.060	CR
499. k	1.	T9	323-0452-09	Y		.140	CS
500. k	1.	T0	323-0740-00	Y			OB
500. k	.5	T0	323-0740-01	Y		.070	CS
500. k	.1	T9	323-0740-07	Y		.270	CS
510. k	1.	T0	323-0727-00	Y			OB
511. k	1.	T0	323-0453-00	Y			DL
523. k	1.	T0	323-0454-00	Y			OB
536. k	1.	T0	323-0455-00	Y			OB
543. k	1.	T0	323-0675-00	Y			OB
549. k	1.	T0	323-0456-00	Y			DL
558.5 k	.1	T9	323-0788-07	Y		.270	CR
562. k	1.	T0	323-0457-00	Y		.072	CS
569. k	1.	T0	323-1457-00	Y		.080	CS
576. k	1.	T0	323-0458-00	Y			DL
588. k	.5	T0	323-0773-01	Y			OB
590. k	1.	T0	323-0459-00	Y		.072	CS
604. k	1.	T0	323-0460-00	Y			DL
604. k	.5	T0	323-0698-00	Y			OB
606. k	.25	T2	323-0777-03	Y		.135	CS
634. k	1.	T0	323-0462-00	Y		.068	CS
649. k	1.	T0	323-0463-00	Y			OB
649. k	.25	T9	323-0463-06	Y		.210	CS
665. k	1.	T0	323-0464-00	Y			DL
666.7 k	.1	T9	323-0808-07	Y		.270	CR
681. k	1.	T0	323-0465-00	Y			OB
698. k	1.	T0	323-0466-00	Y		.080	CR
700. k	1.	T0	323-0617-00	Y			OB
715. k	1.	T0	323-0467-00	Y		.060	CR
715. k	.5	T0	323-0710-00	Y	U	.132	CS
715. k	.1	T9	323-0711-00	Y		.284	CS
732. k	1.	T0	323-0468-00	Y			OB
732. k	.25	T2	323-0800-03	Y		.135	CS
750. k	1.	T0	323-0469-00	Y		.065	CS
750. k	.5	T2	323-0655-00	Y			OB
750. k	.25	T9	323-0604-00	Y			OB
750. k	.25	T3	323-0640-00	Y			DL

^a Refer to the Resistor & Capacitor Section of the Supplement Catalog (#7), under Temperature Characteristics Code for more information on TC (Temperature Coefficient.)

^b Machine insertable.

^c The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

METAL FILM .500 WATT (cont)

Resistance Ω	Tol \pm %	TC ^a	Part Number	MI ^b	Codes ^c			Resistance Ω	Tol \pm %	TC ^a	Part Number	MI ^b	Codes ^c		
					ND	Cost	ST						ND	Cost	ST
750. k	.1	T9	323-0657-00	Y			OB	1.07 M	1.	T0	323-0484-00	Y			DL
768. k	1.	T0	323-0470-00	Y		.065	CS	1.1 M	1.	T0	323-0485-00	Y			OB
787. k	1.	T0	323-0471-00	Y			DL	1.117 M	.1	T9	323-0789-07	Y		.270	CR
787. k	.5	T0	323-0471-01	Y			OB	1.13 M	1.	T0	323-0486-00	Y		.150	CR
787. k	.1	T9	323-0471-07	Y		.343	CS	1.15 M	1.	T0	323-0487-00	Y			DL
800. k	1.	T0	323-0620-00	Y		.072	CR	1.18 M	1.	T0	323-0488-00	Y		.199	CR
800. k	.5	T0	323-0620-01	Y			OB	1.21 M	1.	T0	323-0489-00	Y	U	.065	CR
800. k	.1	T9	323-0620-07	Y		.270	CR	1.21 M	.5	T0	323-0699-00	Y			OB
806. k	1.	T0	323-0472-00	Y			OB	1.24 M	1.	T0	323-0490-00	Y			OB
825. k	1.	T0	323-0473-00	Y			DL	1.27 M	1.	T0	323-0491-00	Y		.065	CS
845. k	1.	T0	323-0474-00	Y			OB	1.3 M	1.	T0	323-0492-00	Y			DL
866. k	1.	T0	323-0475-00	Y			DL	1.33 M	1.	T0	323-0493-00	Y			OB
887. k	1.	T0	323-0476-00	Y			OB	1.37 M	1.	T0	323-0494-00	Y			OB
900. k	1.	T0	323-0611-00	Y		.130	CS	1.4 M	1.	T0	323-0495-00	Y		.065	CS
900. k	.5	T0	323-0611-01	Y		.090	CR	1.425 M	.1	T9	323-0767-07	Y		.260	CS
900. k	.25	T2	323-0611-03	Y		.180	CR	1.43 M	1.	T0	323-0496-00	Y		.150	CR
900. k	.1	T9	323-0611-07	Y		.270	CR	1.43 M	.5	T0	323-0712-00	Y		.180	CR
909. k	1.	T0	323-0477-00	Y			DL	1.43 M	.1	T9	323-0712-07	Y		.312	CS
931. k	1.	T0	323-0478-00	Y			OB	1.442 M	.25	T2	323-0668-00	Y			OB
950. k	1.	T0	323-0612-00	Y		.080	CS	1.47 M	1.	T0	323-0497-00	Y		.125	CR
950. k	.5	T0	323-0612-01	Y			OB	1.47 M	.1	T9	323-0497-07	Y			OB
950. k	.25	T2	323-0612-03	Y			OB	1.5 M	1.	T0	323-0498-00	Y		.060	CR
953. k	1.	T0	323-0479-00	Y			DL	1.5 M	.5	T2	323-0656-00	Y			OB
970. k	1.	T0	323-0613-00	Y			DL	1.5 M	.25	T2	323-0498-03	Y		.320	CR
975. k	.5	T0	323-0757-01	Y			OB	1.5 M	.1	T2	323-0498-04	Y		.220	CR
976. k	1.	T0	323-0480-00	Y		.073	CS	1.5 M	.1	T9	323-0498-07	Y		.480	CS
980. k	1.	T0	323-0621-00	Y		.080	CS	1.5 M	.25	T9	323-0603-00	Y			OB
980. k	.5	T0	323-0621-01	Y			OB	1.6 M	.1	T9	323-1500-07	Y		.400	CR
988. k	1.	T2	323-0680-00	Y		.065	CS	1.69 M	1.	T0	323-0503-00	Y			DL
990. k	1.	T0	323-0614-00	Y		.065	CS	1.78 M	1.	T0	323-0505-00	Y		.150	CR
990. k	.5	T0	323-0614-01	Y	U	.080	CS	2. M	1.	T0	323-0510-00	Y		.150	CR
990. k	.5	T2	323-0681-00	Y		.095	CS	2. M	.1	T9	323-0510-07 ^d	Y		.480	CR
990. k	.25	T2	323-0614-03	Y			OB	2.1 M	.5	T0	323-0512-01	Y			OB
990. k	.1	T9	323-0614-07	Y		.270	CR	2.361 M	1.	T0	323-0738-00	Y			DL
995. k	1.	T0	323-0615-00	Y			DL	2.361 M	.1	T9	323-0738-07	Y			OB
995. k	.5	T0	323-0615-01	Y			OB	2.5 M	.1	T9	323-0793-07	Y		.560	CR
997.5k	.5	T0	323-0616-01	Y			OB	2.667 M	.1	T9	323-0809-07	Y		.270	CR
998. k	1.	T0	323-0622-00	Y			DL	2.8 M	1.	T0	323-0524-00	Y			OB
999. k	1.	T0	323-0623-00	Y		.080	CS	2.87 M	1.	T0	323-0525-00	Y		.150	CR
999. k	.5	T0	323-0623-01	Y			OB	4. M	.1	T9	323-0810-07	Y		.270	CR
999. k	.25	T2	323-0623-03	Y			OB	4.12 M	1.	T0	323-0540-00	Y		.210	CR
999. k	.1	T9	323-0623-07	Y		.270	CR	4.75 M	1.	T2	323-0546-08	Y		.600	CS
1. M	1.	T0	323-0481-00	Y		.060	CR	5. M	1.	T0	323-0745-00	Y		.214	CR
1. M	.5	T0	323-0481-01	Y		.090	CR	5. M	.1	T9	323-0745-07	Y		2.940	CS
1. M	.25	T2	323-0481-03	Y		.185	CS	6.19 M	1.	T2	323-0557-08	Y		.465	CR
1. M	.1	T2	323-0481-04	Y		.270	CR	7. M	1.	T0	323-0756-00	Y			OB
1. M	.1	T9	323-0481-07	Y		.270	CR	7.2 M	1.	T0	323-0760-00	Y		.060	CR
1.01 M	.25	T2	323-1481-03	Y		.135	CS	8. M	1.	T0	323-0751-00	Y		.410	CR
1.02 M	1.	T0	323-0482-00	Y			OB	8. M	.25	T2	323-0752-03	Y			OB
1.05 M	1.	T0	323-0483-00	Y			OB	8.06 M	1.	T2	323-0568-08	Y		.640	CS
1.05 M	.1	T9	323-0483-07	Y			OB	9. M	.5	T0	323-0799-01	Y		.398	CR

^a Refer to the Resistor & Capacitor Section of the Supplement Catalog (#7), under Temperature Characteristics Code for more information on TC (Temperature Coefficient.)

^b Machine insertable.

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^d Safety controlled.

METAL FILM 1 WATT

Resistance Ω	Tol \pm %	TC ^a	Part Number	MI ^b	Codes ^c		
					ND	Cost	ST
100.	1.	T0	324-0097-00			.940	CR
150.	1.	T0	324-0114-00			.830	CR
383.	1.	T0	324-0153-00				DL
953.	1.	T0	324-0191-00				OB
1. k	1.	T0	324-0193-00				OB
1.58 k	1.	T0	324-0212-00				OB
5.62 k	1.	T0	324-0265-00				DL
6.19 k	1.	T0	324-0269-00				OB
8.87 k	1.	T0	324-0284-00				OB
9.09 k	1.	T0	324-0285-00				OB
10. k	1.	T0	324-0289-00			.940	CS
11.5 k	1.	T0	324-0295-00				DL
11.8 k	1.	T0	324-0296-00			.840	CS
14.7 k	1.	T0	324-0305-00				OB
15. k	1.	T0	324-0306-00			.840	CS
16.2 k	1.	T0	324-0309-00				OB
17.8 k	1.	T0	324-0313-00			.870	CR
18. k	.5	T0	324-1313-01				OB
18.7 k	1.	T0	324-0315-00				OB
19.6 k	1.	T0	324-0317-00				OB
20.5 k	1.	T0	324-0319-00			.670	CS
21.5 k	1.	T0	324-0321-00				DL
22.1 k	1.	T0	324-0322-00				OB
22.6 k	1.	T0	324-0323-00				OB
24.9 k	1.	T0	324-0327-00				OB
27.8 k	1.	T0	324-0603-00				OB
30.1 k	1.	T0	324-0335-00			.670	CS
33.2 k	1.	T0	324-0339-00				OB
36.5 k	1.	T0	324-0343-00				OB
49.9 k	1.	T0	324-0356-00			1.990	CS
49.9 k	1.	T9	324-0356-09			1.220	CR
68.1 k	1.	T0	324-0369-00			.410	OT
100. k	1.	T0	324-0385-00				DL
205. k	1.	T0	324-0415-00				OB
264. k	1.	T0	324-0601-00				OB
299. k	1.	T0	324-0602-00				DL
303. k	1.	T0	324-0604-00				OB
333. k	1.	T0	324-0605-00				OB
402. k	1.	T0	324-0443-00			.870	CS
511. k	1.	T0	324-0453-00				DL
576. k	1.	T0	324-0458-00				OB
715. k	1.	T0	324-0467-00			1.600	CS
990. k	1.	T9	324-0620-09			1.630	CR
1.21 M	1.	T0	324-0489-00				DL
2. M	1.	T0	324-0510-00			.840	CS
2.5 M	.25	T2	324-0612-03			2.390	CS
2.67 M	1.	T0	324-0522-00			.670	CS
3.32 M	1.	T0	324-0531-00	Y	U	.840	CS
25. M	.25	T2	324-0613-03			3.390	CS
37.3 M	.5	T2	324-1600-02			6.300	CS

^a Refer to the Resistor & Capacitor Section of the Supplement Catalog (#7), under Temperature Characteristics Code for more information on TC (Temperature Coefficient.)

^b Machine insertable.

^c The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

METAL FILM .050 WATT

Resistance Ω	Tolerance \pm %	TC ^a	Maximum Body Dimensions			Part Number	MI ^b	Codes ^c		
			Length	Diameter	Lead Diameter			ND	Cost	ST
10.	.5	T0	.170	.080	.018	325-0400-00			.500	CR
16.2	1.	T0	.170	.080	.017	325-0334-00			.027	CR
18.2	1.	T0	.170	.080	.017	325-0051-00			.300	CS
19.75	1.	T2	.200	.075	.018	325-0041-00			.100	CR
21.	1.	T0	.170	.075	.017	325-0048-00			.084	OT
25.	.5	T1	.200	.075	.018	325-0047-00			.040	CR
30.1	1.	T0	.200	.078	.017	325-0055-00			.300	CS
46.4	.5	T0	.170	.075	.017	325-0045-00			.950	CR
48.7	.5	T1	.200	.075	.018	325-0107-00			.350	CS
50.	.5	T0				325-0064-00				DL
50.	1	T1	.200	.075	.018	325-0053-00			.070	CR
52.1	.5	T0	.170	.075	.017	325-0117-00			.080	CR
80.	.5	T0	.170	.075	.017	325-0052-00			.060	CR
93.	1.	T9	.200	.070	.018	325-0027-00			.100	CR
97.6	.5	T0	.200	.075	.018	325-0115-00			.350	CS
100.	1.	T0	.200	.075	.018	325-0037-00			.060	CR
100.	.5	T0	.200	.070	.018	325-0044-00			.080	CR
102.	.5	T0				325-0116-00			.350	CS
105.	.5	T0	.200	.075	.018	325-0114-00			.840	CR
105.	.5	T2	.200	.075	.018	325-0108-00			.890	CS
150.	.5	T0	.200	.075	.018	325-0065-00		U	.080	CR
180.	1.	T9	.200	.075	.018	325-0026-00			.100	CR
2.5 k	1.	T0	.200	.075	.018	325-0031-00			.070	CR
3.16 k	1.	T9	.200	.075	.018	325-0025-00			.130	CR
4.22 k	1.	T0	.200	.078	.017	325-0105-00			.060	CR
11.1 k	1.	T0	.200	.075	.018	325-0036-00			.085	CR
25.63 k	.5	T0				325-0061-00			.350	CS
50. k	.25	T2	.200	.075	.018	325-0033-00			.130	CR
52.63 k	.5	T0				325-0069-00			.350	CS
90. k	.5	T0				325-0121-00			.220	CR
100. k	1.	T0	.160	.066	.018	325-0001-00		U	.020	CR
101. k	1.	T0	.160	.054	.018	325-0019-00	Y			OB
110.7 k	.1	T9	.200	.075	.016	325-0101-00			1.360	CR
150. k	1.	T0				325-0030-00			.070	CR
333.3 k	.5	T0				325-0062-00			.700	CS
415.5 k	.5	T1				325-0066-00			.700	CS
582.4 k	.5	T1				325-0067-00			1.400	CS
750. k	.5	T0				325-0060-00			1.400	CS
950. k	.5	T0				325-0068-00			1.400	CS
975. k	.5	T0				325-0063-00			1.400	CS
985. k	1.	T0				325-0029-00			3.120	CR
1. M	1.	T0	.200	.078	.017	325-0049-00			1.200	CS
1.11 M	1.	T0	.200	.075	.017	325-0032-00				OB

^a Refer to the Resistor & Capacitor Section of the Supplement Catalog (#7), under Temperature Characteristics Code for more information on TC (Temperature Coefficient.)

^b Machine Insertable.

^c The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

RESISTOR, FIXED

METAL FILM .100 WATT

Resistance Ω	Tolerance $\pm \%$	TC ^a	Maximum Body Dimensions			Part Number	MI ^b	Codes ^c		
			Length	Diameter	Lead Diameter			ND	Cost	ST
50.	1.	± 300 ppm/ $^{\circ}$ C	.127	.024		325-0212-00			3.300	CR
50.	.1	T10	.300	.102	.027	325-0276-00			.300	CR
60.4	.1	T16	.300	.102	.027	325-0372-00				DL
200.	.1	T10	.300	.102	.027	325-0277-00			.300	CR
200.	1.	T13	.300	.102	.027	325-0393-00			.185	CR
800.	.1	T16	.300	.102	.027	325-0357-00			.230	CR
1.54 k	.1	T10	.300	.102	.027	325-0275-00			.300	CR
1.8 k	1.	T13	.300	.102	.027	325-0079-00	Y		.170	CR
2.8 k	.1	T16	.300	.102	.027	325-0378-00				DL
3.01 k	.1	T13	.300	.102	.027	325-0376-00				DL
3.04 k	.1	T13	.300	.102	.027	325-0381-00				DL
4.95 k	1.	T13	.300	.102	.027	325-0394-00			.185	CR
5. k	.1	T13	.300	.102	.027	325-0380-00				DL
5.9 k	.1	T13	.300	.102	.027	325-0374-00				DL
6.95 k	.1	T13	.300	.110	.027	325-0252-00			.300	CR
8.99 k	.1	T13	.300	.102	.027	325-0373-00				DL
12. k	.1	T16	.300	.102	.027	325-0377-00				DL
18.2 k	.1	T13	.300	.102	.027	325-0379-00				DL

^a Refer to the Resistor & Capacitor Section of the Supplement Catalog (#7), under Temperature Characteristics Code for more information on TC (Temperature Coefficient.)

^b Machine Insertable.

^c The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

METAL FILM .125 WATT

Resistance Ω	Tolerance $\pm \%$	TC ^a	Maximum Body Dimensions			Part Number	MI ^b	Codes ^c		
			Length	Diameter	Lead Diameter			ND	Cost	ST
4.64	1.	± 175 ppm/ $^{\circ}$ C	.285	.098	.028	325-0387-00			.350	CR
5.23	1.	± 175 ppm/ $^{\circ}$ C	.285	.098	.028	325-0386-00			.090	CR
15.	.25	T0	.405	.120	.027	325-0042-00			.045	CR
20.2	.25	T0	.405	.120	.027	325-0024-00			.045	CR
22.5	.25	T0	.405	.120	.027	325-0043-00			.095	CR
50.	.25	T9	.405	.124	.027	325-0035-06		U	.085	OT
210.	1.	T0	.343	.120	.027	325-0310-00			.015	OT
2.67 k	.1	T2	.405	.120	.027	325-0002-00				OB
5.9 k	.1	T16	.430	.165	.027	325-0350-00			.300	CR
6.2 k	5.	± 200 ppm/ $^{\circ}$ C	.136	.060	Leadless	325-0395-00			.135	CR
10. k	.1	T16	.300	.100	.025	325-0420-00			1.000	CR
11. k	5.	T0	.160	.066		325-0250-00			.075	CR
25.2 k	.1	T13	.405	.120	.027	325-0219-00			.304	CS
53. k	.1	T16	.430	.165	.027	325-0351-00			.400	CR
71.5 k	.1	T16	.430	.165	.027	325-0352-00			1.400	CS
90. k	.1	T16	.430	.165	.027	325-0353-00			.300	CR
100. k	.1	T16	.300	.100	.025	325-0419-00			1.350	CR
117. k	.1	T16	.430	.165	.027	325-0384-00			.860	CR
200. k	1.	T0				325-0155-00				DL
1. M	.05	T9	.405	.120	.027	325-0149-00			2.000	CR
1.8 M	.25	T0	.343	.120	.027	325-0314-00			.245	CS
1.98 M	.25	T0	.343	.120	.027	325-0313-00			.650	CS
2.03 M	.1	T9	.405	.120	.027	325-0194-00			.500	CS
3. M	1.	T3				325-0118-00			.122	CR
3.32 M	1.	T0	.405	.100	.027	325-0245-00			.122	CR

^a Refer to the Resistor & Capacitor Section of the Supplement Catalog (#7), under Temperature Characteristics Code for more information on TC (Temperature Coefficient.)

^b Machine Insertable.

^c The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

METAL FILM .250 WATT

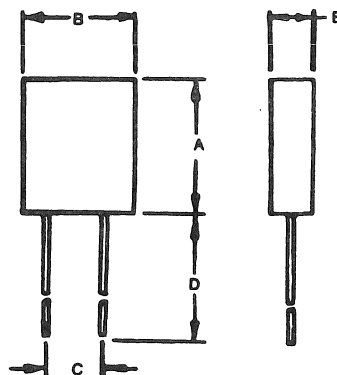
Resistance Ω	Tolerance \pm %	TC ^a	Voltage Rating	Maximum Body Dimensions			Part Number	MI ^b	Codes ^c		
				Length	Diameter	Lead Diameter			ND	Cost	ST
40.	.05	T10		.655	.225	.027	325-0220-00			1.120	CR
75.	.01	T16		.655	.195	.027	325-0358-00			3.290	CR
93.1	.1	T13		.655	.225	.027	325-0375-00				DL
10. k	.1	T16		.655	.225	.027	325-0354-00			.300	CR
49.9 k	1.	T0		.578	.156	.027	325-0176-00			.044	CS
800. k	1.	T0		.475	.120	.027	325-0156-00			.720	CR
900. k	.1	± 25 ppm/ $^{\circ}$ C		.406	.120	.027	325-0102-00			1.140	CR
1. M	.1	T16		.313	.129	.027	325-0355-00			.500	CR
3. M	1.	TE	550. V	.734	.421	.027	325-0113-00				OB
4. M	1.	T0	900. V	.560	.105	.027	325-0133-00			1.720	CR
4. M	.1	T0		.421	.120	.027	325-0273-00			2.550	CR
4.3 M	2.	TE		.578	.160	.027	325-0209-00			.200	CS
9. M	1.	T0	1. kV	.541	.105	.027	325-0021-00			2.400	CR
9. M	.1	T15		.406	.120	.027	325-0361-00				DL
9. M	.1	± 25 ppm/ $^{\circ}$ C		.541	.102	.027	325-0103-00			1.220	CR
9. M	1.	T9		.406	.120	.027	325-0104-00	Y		2.050	CR
9. M	.1	T15		.578	.156	.027	325-0187-00			1.850	CR
9.9 M	1.	T0	1. kV	.560	.102	.027	325-0046-00		U	2.100	CR
10. M	.1	T15	1. kV	.475	.120	.027	325-0139-00			6.950	CR
10. M	.5	± 150 ppm/ $^{\circ}$ C	1. kV	.578	.120	.027	325-0137-00		U	3.890	CR
24. M	2.	0 to +300 -500 ppm/ $^{\circ}$ C		.578	.160	.027	325-0199-00			1.530	CR
25. M	.5	T1		.406	.145	.027	325-0281-00			2.920	CR
150. M	1.	± 100 ppm/ $^{\circ}$ C	1. kV	.500	.165	.022	325-0383-00			1.990	PP
1.5 G	1.	± 500 ppm/ $^{\circ}$ C	1. kV	.500	.165	.022	325-0382-00		U		DL

^a Refer to the Resistor & Capacitor Section of the Supplement Catalog (#7), under Temperature Characteristics Code for more information on TC (Temperature Coefficient.)

^b Machine insertable.

^c The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

METAL FILM .300 WATT



Resistance Ω	Tolerance $\pm \%$	TC ^a ppm/ $^{\circ}$ C	Maximum Body Dimensions					Part Number	Codes ^b		
			A	B	C	D	E		ND	Cost	ST
50.	.01	0 \pm 4.	.336	.312	.155	1.125	.115	325-0423-00		7.890	CR
102.4	.02	0 \pm 1.5	.336	.312	.115	1.125	.155	325-0389-00		4.540	CR
300.	.01	0 \pm 2.5	.336	.312	.155	1.125	.115	325-0422-00		7.890	CR
881.	.02	0 \pm 1.5	.336	.312	.115	1.125	.155	325-0388-00		4.540	CR
1. k	.01	0 \pm 2.5	.336	.312	.155	1.125	.115	325-0421-00		7.840	CR
1.09 k	.5	0 \pm 2.5	.342	.312	.115	1.125	.160	325-0257-00		2.950	CS
1.5 k	1.	0 \pm 1.	.336	.312	.115	1.125	.115	325-0412-00		3.240	CR
2.67 k	.5	0 \pm 1.	.340	.305	.115	1.125	.160	325-0326-00	U	2.420	CR
3.42 k	1.	0 \pm 2.5	.342	.312	.115	1.125	.160	325-0256-00		2.980	CS
3.75 k	.25	0 \pm 1.	.342	.312	.115	1.125	.160	325-0255-00		2.950	CS
4.72 k	.5	0 \pm 1.	.340	.305	.115	1.125	.160	325-0327-00	U	2.420	CR
5.62 k	.25	0 \pm 2.5	.342	.312	.115	1.125	.160	325-0258-00		2.600	CR
6.77 k	.5	0 \pm 2.5	.342	.312	.115	1.125	.160	325-0259-00		2.950	CS
7.26 k	1.	0 \pm 2.5	.342	.312	.115	1.125	.160	325-0260-00		2.950	CS
7.532 k	.05	0 \pm 1.	.340	.305	.115	1.125	.160	325-0320-00	U	2.760	CR
8. k	.02	0 \pm 1.5	.336	.312	.115	1.125	.155	325-0390-00		4.540	CR
8.29 k	.25	0 \pm 2.5	.342	.312	.115	1.125	.160	325-0261-00		2.950	CS
9.79 k	.25	0 \pm 2.5	.342	.312	.115	1.125	.160	325-0262-00		2.950	CS
10. k	.5	0 \pm 2.5	.342	.312	.115	1.125	.160	325-0263-00		3.100	CS
10.43 k	.25	0 \pm 2.5	.342	.312	.115	1.125	.160	325-0264-00		2.950	CS
10.88 k	.5	0 \pm 1.	.340	.305	.115	1.125	.160	325-0323-00	U	2.420	CR
14.3 k	1.	0 \pm 1.	.336	.312	.115	1.125	.115	325-0410-00		3.240	CR
15.6 k	1.	0 \pm 1.	.336	.312	.115	1.125	.115	325-0411-00		3.240	CR
15.6 k	.25	0 \pm 2.5	.342	.312	.115	1.125	.160	325-0265-00		6.090	CS
17.2 k	.25	0 \pm 2.5	.342	.312	.115	1.125	.160	325-0266-00		3.030	CS
17.8 k	.25	0 \pm 2.5	.342	.312	.115	1.125	.160	325-0268-00		3.230	CS
20. k	.05	0 \pm 2.5	.340	.305	.115	1.125	.160	325-0315-00	U	2.940	CR
21.7 k	.25	0 \pm 2.5	.342	.312	.115	1.125	.160	325-0267-00		2.950	CS
22. k	1.	0 \pm 2.5	.342	.312	.115	1.125	.160	325-0269-00	U	2.120	CR
25.7 k	.25	0 \pm 2.5	.342	.312	.115	1.125	.160	325-0270-00		6.380	CS
26.35 k	.1	0 \pm 1.	.340	.305	.115	1.125	.160	325-0322-00	U	2.860	CR
35.97 k	.1	0 \pm 1.	.340	.305	.115	1.125	.160	325-0325-00		3.720	CR
50. k	.1	0 \pm 1.	.340	.305	.115	1.125	.160	325-0324-00	U	3.720	CR
50.87 k	.05	0 \pm 1.	.340	.305	.115	1.125	.160	325-0321-00		3.900	CR
51.1 k	.25	0 \pm 2.5	.342	.312	.115	1.125	.160	325-0271-00		2.900	CR
57.55 k	.1	0 \pm 1.	.340	.305	.115	1.125	.160	325-0316-00		4.640	CR
67.1 k	.25	0 \pm 2.5	.342	.312	.115	1.125	.160	325-0272-00		3.030	CS
84.9 k	.1	0 \pm 2.5	.340	.305	.115	1.125	.160	325-0317-00		5.500	CR
95.7 k	.5	0 \pm 2.5	.340	.305	.115	1.125	.160	325-0318-00		4.030	CR
100. k	.1	0 \pm 1.	.340	.305	.115	1.125	.160	325-0319-00		4.750	CR

^a Refer to the Resistor & Capacitor Section of the Supplement Catalog (#7), under Temperature Characteristics Code for more information on TC (Temperature Coefficient.)

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METAL FILM .500 WATT

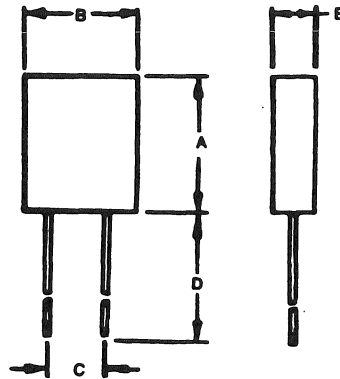
Resistance Ω	Tolerance $\pm \%$	TC ^a	Voltage Rating	Maximum Body Dimensions			Part Number	MI ^b	Codes ^c		
				Length	Diameter	Lead Diameter			ND	Cost	ST
2.	1.	0 \pm 330 ppm/ $^{\circ}$ C	750. V	.410	.150	.034	309-0058-00	Y		.134	CR
2.2	5.						325-0054-00				OB
2.67	1.	0 \pm 200 ppm/ $^{\circ}$ C		.410	.150	.034	325-0012-00			.220	CR
3.8	1.	0 \pm 200 ppm/ $^{\circ}$ C		.400	.150	.034	325-0023-00				OB
6.	1.	0 \pm 200 ppm/ $^{\circ}$ C		.410	.150	.034	325-0013-00	Y		.220	CR
7.5	1.	0 \pm 200 ppm/ $^{\circ}$ C		.410	.150	.034	325-0022-00	Y		.220	CR
141. k	1.	0 \pm 1.		.540	.160	.023	325-0328-00			6.300	CR
225. k	.5	T1		.830	.260	.034	325-0110-00			.200	CS
250. k	.5	T1		.830	.260	.034	325-0111-00			.200	CS
1.985 M	.5	T2		.830	.260	.034	325-0005-00			.700	CS
2. M	.1	T9	1.3 kV	.765	.260	.034	325-0385-00			1.290	CR
2.25 M	.5	T1		.830	.260	.034	325-0109-00			.600	CS
2.361 M	.5	T1		.830	.260	.034	325-0070-00			.600	CS
3.1 M	1.	0 + 100 -250 ppm/ $^{\circ}$ C	1.35 kV	.830	.245	.034	325-0177-00			.500	CS
3.57 M	1.	T1		.830	.260	.034	325-0073-00			1.670	CR
3.935 M	1.	T1		.830	.260	.034	325-0074-00				OB
4. M	1.	0 + 100 -250 ppm/ $^{\circ}$ C	1.5 kV	.830	.245	.034	325-0178-00			.215	CS
4. M	1.	T1		.830	.260	.041	325-0058-00			.500	CS
5. M	1.	T0		.830	.310	.042	325-0056-00			1.890	CR
6. M	1.	T1	1.6 kV	.830	.260	.034	325-0059-00			.500	CS
6.67 M	1.	0 + 100 -250 ppm/ $^{\circ}$ C		.830	.245	.034	325-0180-00			.500	CS
7.15 M	1.	T1		.830	.260	.034	325-0075-00			.500	CS
7.5 M	1.	0 + 100 -200 ppm/ $^{\circ}$ C	1.8 kV	.830	.245	.034	325-0181-00			.220	CS
7.87 M	1.	T1		.830	.260	.034	325-0076-00			.500	CS
9. M	.5	T1		.718	.200	.033	325-0096-00			.900	CS
9.9 M	.5	T1	1.9 kV	.830	.260	.034	325-0097-00			.900	CS
9.99 M	.5	T1		.830	.260	.034	325-0098-00			.900	CS
10. M	1.	T1		.830	.260	.034	325-0072-00			.500	CS
10. M	.25	T9	1.9 kV	.765	.260	.034	325-0349-00			2.300	CR
10. M	1.	0 + 100 -250 ppm/ $^{\circ}$ C		.830	.245	.034	325-0183-00			.310	CS
10. M	.5	T1		.830	.260	.034	325-0071-00			2.290	CR
11.5 M	1.	T1	1.9 kV	.830	.260	.034	325-0077-00			.500	CS
11.8 M	1.	T1		.830	.260	.034	325-0078-00			.500	CS
15. M	.1	T9		.830	.260	.034	325-0106-00			2.280	CS
22.5 M	.5	T1	3.5 kV	.830	.260	.034	325-0112-00			3.640	CS
30. M	1.	T0		.830	.320	.034	325-0057-00			3.040	CS
100. M	1.	+250 to -1200 ppm/ $^{\circ}$ C		.880	.170	.028 Nom	325-0197-00			1.320	CR
100. M	1.	+250 to -1200 ppm/ $^{\circ}$ C	600. V				325-0197-01			24.026	PP
100. M	1.	+475 \pm 725 ppm/ $^{\circ}$ C		.343	.120	.027	325-0197-02				DL
10. G	1.	1500 ppm/ $^{\circ}$ C		.880	.170	.028	325-0198-00		U	4.500	CR
10. G	1.	1500 ppm/ $^{\circ}$ C					325-0198-01			27.206	PP
10. G	1.	+750 \pm 750 ppm/ $^{\circ}$ C		.343	.120	.027	325-0198-02				DL

^a Refer to the Resistor & Capacitor Section of the Supplement Catalog (#7), under Temperature Characteristics Code for more information on TC (Temperature Coefficient.)

^b Machine insertable.

^c The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

METAL FILM .600 WATT



Resistance Ω	Tolerance $\pm \%$	TC ^a ppm/ $^{\circ}$ C	Maximum Body Dimensions					Part Number	Codes ^b		
			A	B	C	D	E		ND	Cost	ST
3.2 k	1.	$0 \pm 1.$.336	.312	.115	1.125	.115	325-0414-00		3.240	CR

^a Refer to the Resistor & Capacitor Section of the Supplement Catalog (#7), under Temperature Characteristics Code for more information on TC (Temperature Coefficient.)

^b The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

METAL FILM 1 WATT

Resistance Ω	Tolerance \pm %	TC ^a	Voltage Rating	Maximum Body Dimensions			Part Number	MI ^b	Codes ^c		
				Length	Diameter	Lead Diameter			ND	Cost	ST
50.	.1	T9		.625	.200	.034	325-0329-00			2.330	CR
6. k	1.	\pm 350 ppm/°C		.622	.233	.032	307-0845-00			.150	CR
470. k	5.	T0	500. V	.687	.195	.034	325-0399-00		U	.060	CR
3.06 M	1.	T0	2.5 kV	1.187	.406	.034	325-0011-00				OB
3.351 M	.1	T9	1.25 kV	1.187	.327	.034	325-0080-00			3.990	CR
11.17 M	.1	T9	1.9 kV	.999	.327	.042	325-0081-00			2.380	CR
33.51 M	.25	T2	2.9. kV	1.187	.380	.042	325-0082-03			4.150	CR
44.8 M	.5	T2	3. kV	1.165	.380	.042	325-0154-00			5.420	CR
100. M	1.	T1	3.5 kV	.800	.328	.034	325-0122-00			3.000	CS
100. M	1.	T1	3.5 kV	1.000	.406	.034	325-0122-01 (Encapsulated)			4.300	CR

METAL FILM 1.250 WATT

Resistance Ω	Tolerance \pm %	TC ^a	Voltage Rating	Maximum Body Dimensions			Part Number	MI ^b	Codes ^c		
				Length	Diameter	Lead Diameter			ND	Cost	ST
9. M	1.	T1	4. kV	1.095	.170	.026	325-0332-00			2.750	CR

METAL FILM 1.500 WATT

Resistance Ω	Tolerance \pm %	TC ^a	Voltage Rating	Maximum Body Dimensions			Part Number	MI ^b	Codes ^c		
				Length	Diameter	Lead Diameter			ND	Cost	ST
30.1	.01	\pm .600 pp/°C		.845	.770	.042	325-0401-00			22.970	CR
100. M	5.	T1	5. kV	1.140	.345	.042	325-0094-00				OB

^a Refer to the Resistor & Capacitor Section of the Supplement Catalog (#7), under Temperature Characteristics Code for more information on TC (Temperature Coefficient.)

^b Machine insertable.

^c The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

METAL FILM 2 WATT

Resistance Ω	Tolerance \pm %	TC ^a	Voltage Rating	Maximum Body Dimensions			Part Number	MI ^b	Codes ^c		
				Length	Diameter	Lead Diameter			ND	Cost	ST
13. k	2.	0 \pm 2.5 ppm/ $^{\circ}$ C					325-0413-00		U	8.240	CR
39. k	2.						307-0223-00			.860	CS
2.04 M	1.	T0	750. V	2.290	.390	.042	325-0009-00				OB
3. M	1.	T0	750. V	2.290	.390	.042	325-0010-00				DL
3. M	.5	T0	750. V	2.290	.390	.042	325-0010-01				OB
5.1 M	1.	T0	2. kV	2.290	.390	.042	325-0008-00				OB
10. M	.5	T0	3.8 kV	2.290	.390	.042	325-0007-01			.650	CS
99. M	.5	T0	10. kV	2.206	.380	.042	325-0095-00			6.970	CR

METAL FILM 2.500 WATT

Resistance Ω	Tolerance \pm %	TC ^a	Voltage Rating	Maximum Body Dimensions			Part Number	MI ^b	Codes ^c		
				Length	Diameter	Lead Diameter			ND	Cost	ST
128. M	2.	\pm 80 ppm/ $^{\circ}$ C	10. kV	2.080	.170	.027	325-0280-00				DL

METAL FILM 3 WATT

Resistance Ω	Tolerance \pm %	TC ^a	Voltage Rating	Maximum Body Dimensions			Part Number	MI ^b	Codes ^c		
				Length	Diameter	Lead Diameter			ND	Cost	ST
200. k	1.	0 \pm 250 ppm/ $^{\circ}$ C	10. kV	.650	.260	.032	307-0839-00 ^d			.220	CR
50. M	2.	T1		2.340	.345	.042	325-0093-00				OB
200. M	1.	0 \pm 80 ppm/ $^{\circ}$ C	10. kV	2.080	.270	.042	325-0274-00				DL

METAL FILM 4 WATT

Resistance Ω	Tolerance \pm %	TC ^a	Voltage Rating	Maximum Body Dimensions			Part Number	MI ^b	Codes ^c		
				Length	Diameter	Lead Diameter			ND	Cost	ST
100. M	2.	0 \pm 250 ppm/ $^{\circ}$ C	50. kV	4.452	2.97	Leadless	310-0597-00			6.110	CR

^a Refer to the Resistor & Capacitor Section of the Supplement Catalog (#7), under Temperature Characteristics Code for more information on TC (Temperature Coefficient.)

^b Machine Insertable.

^c The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

^d Safety controlled.

MATCHED SETS (PURCHASED)

Part Number	Codes ^a			Resistance	Tolerance ± %	Watts	TC ^b	Other
	ND	Cost	ST					
307-0380-00		10.520	CS	(1) 6.66 kΩ, (1) 20.92 kΩ	.1	.125		Matched to Track within 2 ppm/°C from 0°C to +60°C
307-1475-00		.120	PP	(4) 220 Ω, (4) 330 Ω	.2	.125		
308-0323-00		97.660	CS	(12) 1. kΩ	.1	.125	± 10 ppm/°C	Ratio Matched to .02%
308-0345-00			OB	(7) 1. kΩ	.1	.125	± 10 ppm/°C	Ratio Matched to .02%
308-0551-00	U	123.000	CR	(1) 9. kΩ (1) 900.981 Ω (1) 100.02 Ω	.1 .1 .1	1.75 1. 1.	± 5% ppm/°C	Ratio Matched to .005% Maximum
308-0547-00		167.480	CS	(11) 1. kΩ	.1	.125	± 10 ppm/°C	Ratio Matched to .02%
308-0572-00		162.760	CS	(20) 1. kΩ	.1	.125	± 10 ppm/°C	Ratio Matched to .02%
308-0786-00		5.320	CR	(7) 15. Ω	.1	.500	± 10 ppm/°C	
308-0787-00		9.900	CR	(4) 495. Ω (3) 61.111 Ω (1) 55. Ω (1) 55. Ω	.1 .1 .1 .1	3. .5 .5 7.	± 10 ppm/°C	Ratio Matched to .03% at 25°C
312-0647-00		2.040	OT	(4) 4.99 kΩ	1.	.125	T0	Ratio Matched to .1%
312-0648-00		1.140	CR	(2) 15. kΩ	1.	.125	T0	Ratio Matched to .1%
321-1741-00	U	1.600	CR	(2) 10. kΩ	1.	.125		Matched to Track within 5 ppm/°C from 0°C to +70°C
321-1742-00	U	1.980	CR	(1) 5. kΩ (1) 10. kΩ (1) 10.5 kΩ	1. 1. 1.	.125 .125 .125		Matched to Track 5 ppm/°C from 0°C to +70°C
325-0003-00		1.790	CS	(2) 99.8 kΩ	.1	.125	T5	Matched to Track within 5 ppm/°C from +25°C to +75°C
325-0004-00		1.600	CR	(2) 900. kΩ	.1	.25	T5	Matched to Track within 5 ppm/°C from +25°C to +75°C
325-0020-00		1.670	CR	(1) 110.6 kΩ, (1) 111. kΩ	.1	.1		Matched to Track within 5 ppm/°C from +25°C to +75°C
325-0034-00	U	7.460	CR	(1) 9. MΩ (1) 900. kΩ (1) 99. kΩ	1. 1. 1.	.5 .25 .25	T9	Ratio Matched to 1% at 25°C
325-0038-00		1.850	CR	(2) 110.8 kΩ	.1	.125		Matched to Track within 5 ppm/°C from +25°C to +75°C
325-0050-00		3.710	CS	(1) 950. kΩ, (1) 52.63 kΩ	1.	.05	T0	Ratio Matched to .50%
325-0135-00		5.240	CR	(1) 9. MΩ, (1) 1.111 MΩ	.5	.25	T2	Ratio Matched to .02% at 25°C
325-0136-00		4.790	CR	(1) 9.9 MΩ, (1) 101.1 k	.5	.25	T2	Ratio Matched to .02% at 25°C
325-0140-00		3.010	CR	(2) 500. kΩ	.5	.125	T10	Ratio Matched to .02% at 75°C
325-0148-00		2.850	CS	(1) 900. kΩ, (1) 111.1 kΩ	.05	.125	T9	Ratio Matched to .05% at 25°C
325-0150-00		4.230	CS	(1) 10. kΩ, (1) 10.5 kΩ	.05	.125	T9	Ratio Matched to .05% at 25°C
325-0151-00		2.850	CS	(1) 900. kΩ, (1) 100. kΩ	.1	.125	T9	Ratio Matched to .025% at 25°C

^a The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

^b Refer to the Resistor & Capacitor Section of the Supplement Catalog (#7), under Temperature Characteristics Code for more information on TC (Temperature Coefficient.)

MATCHED SETS (PURCHASED) (cont)

Part Number	Codes ^a			Resistance	Tolerance ± %	Watts	TC ^b	Other
	ND	Cost	ST					
325-0152-00		2.850	CS	(1) 990. kΩ, (1) 10. kΩ	.1	.125	T9	Ratio Matched to .025% at 25°C
325-0153-00		2.850	CS	(1) 999. kΩ, (1) 1. kΩ	.1	.125	T9	Ratio Matched to .025%
325-0162-00		4.250	CR	(1) 45. kΩ, (1) 44.8 kΩ	.1	.125	T13	Matched to Track within 3 ppm/°C Maximum
325-0163-00		1.650	CR	(2) 50. Ω	.1	.25	T13	Matched to Track within 3 ppm/°C Maximum
325-0164-00		2.790	CR	(1) 450. Ω, (1) 446. Ω	.1	.25	T13	Matched to Track within 3 ppm/°C Maximum
325-0165-00		2.790	CR	(1) 4.5 kΩ, (1) 4.478 kΩ	.1	.25	T13	Matched to Track within 3 ppm/°C TC
325-0185-00		6.920	CR	(1) 9. MΩ (1) 900. kΩ (1) 90. kΩ (1) 10. kΩ	.25 .25 .25 .25	2. 1. .5 .5	T9	Ratio Matched to .03%, 1 kV Rated in Series
325-0186-00		5.720	CS	(1) 9.9 MΩ (1) 90. kΩ (1) 10. kΩ	.15 .15 .15	2. .5 .5	25 ppm/°C	Ratio Matched to .05%, 1 kV Rated in Series
325-0193-00		4.700	CR	(1) 9.95 kΩ (1) 6.072 kΩ (1) 1.2128 kΩ (1) 2.8 kΩ	.05 .05 .05 .05	.5 .25 .25 .25	T9	Ratio Matched to .03% Maximum
325-0221-00		2.160	CR	(2) 20. Ω	.1	.1	T10	
325-0248-00		19.110	CR	(2) 100. Ω (3) 200. Ω (1) 300. Ω (1) 400. Ω (1) 500. Ω	1. 1. 1. 1. 1.	.1 .1 .1 .1 .1		Ratio Matched to .01% at 25°C of the 500 Ω Part
325-0253-00		4.000	CS	(1) 44.18 kΩ (1) 7.5 kΩ (1) 2.853 kΩ	.1 .1 .1	.1 .1 .1	T10	Matched to Track within 5 ppm/°C from 0 to +80°C
325-0254-00		1.690	CS	(1) 7.95 kΩ (1) 7.5 kΩ (1) 447.8 Ω	.1 .1 .1	.1 .1 .1	T13	Matched to Track within 5 ppm/°C from 0 to +80°C
325-0278-00			NP	(1) 9. MΩ (1) 900. kΩ (1) 651. kΩ	.1 .1 .1	.25 .25 .125		Ratio Matched to 15.207 ± .02%
325-0330-00		23.320	CR	(1) 100. kΩ (2) 1. kΩ (1) 250. Ω (1) 4. kΩ (1) 5. kΩ (1) 40. kΩ	1. 1. 1. 1. 1. 1.	.5 .125 .1 .1 .1 .1	10 ppm/°C	Ratio Matched to .02% at +25°C of the 100 kΩ Part
325-0331-00		4.170	CR	(2) 1. kΩ (1) 4. kΩ	1. 1.	.1 .1	T13	Ratio Matched to .01% at +25°C of the 4. kΩ Part
325-0362-00		4.200	CR	(1) 10. kΩ (1) 90. kΩ (1) 9.9 MΩ	.25 .25 .25	.5 .125 .125		Ratio Matched to .05% at +25°C
325-0391-00		7.090	CR	(1) 100. Ω (2) 200. Ω (1) 400. Ω (1) 6.403 kΩ	.25 .25 .25 .25	.125 .125 .125 .125	T9	Matched to Track within 5 ppm/°C from 0 to +70°C

^a The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

^b Refer to the Resistor & Capacitor Section of the Supplement Catalog (#7), under Temperature Characteristics Code for more information on TC (Temperature Coefficient.)

MATCHED SETS (TEK-MADE)

Part Number	Raw Stock	Other	Codes ^a		
			ND	Cost	ST
312-0522-00	302-0564-00	Resistance Check 560. k Ω \pm 2%.			OB
312-0591-00	(2) 308-0025-00	20. k Ω \pm 5% Resistor Matched within 1% of Each Other.			OB
312-0640-00	(1) Each 323-0399-00, 323-0428-00 & 323-0617-00.	Set of 3 Resistors, 140. k Ω , 280. k Ω , and 700. k Ω \pm 1% Sorted into .2% Groups and Matched for "A" Timing Switch.			OB
312-0641-04	(1) Each 323-0495-00, 323-0524-00, 323,0756-00 and Box of Padding Resistors	Set of 3 Resistors, 1.4 M Ω , 2.8 M Ω and 7. M Ω Each Padded another Resistor and Each Pair Matched to Same .2% Group.			OB
312-0649-01	(2) 325-0103-00	Pair of 9. M Ω \pm 1% Resistors Matched within .1% of Each Other.		2.440	CR
312-0653-01	(2) 307-0210-01	Matched to 1%, 11.25 M Ω 5%, 7.5 W.			CR
312-0654-01	(2) 307-0211-01	Matched to 1%, 2.25 M Ω 5%, 2.5 W.			CR
312-0655-01	(2) 307-0260-03	Matched to .5%, 125. k Ω 5%, 6.5 W.			CR
312-0661-01	(2) 307-0260-01	Matched to .5%, \pm 112.5 k Ω 5%, 6.5 W.			CR
312-0662-00	(4) 321-0771-03	Set of 4, 50. Ω Resistors Matched within .1% of Each Other.		.340	CR
312-0663-00	325-0071-00	10. M Ω \pm .5% Resistor Selected to \pm .25%.		34.490	CS
312-0664-00	307-0429-00	100. M Ω \pm 1% Resistor Selected to \pm .25%.		6.293	CS

^a The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

SECTION 3

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Note: The wattage rating for a particular resistor listed in the catalog may vary from the wattage rating marked on the resistor body. The reason is that a particular resistor may have been designed at 40°C for example and specified at 25°C; the lower specified temperature (25°C) would cause the wattage rating to be higher than the wattage rating at which the resistor was designed (40°C).

In the Resistor & Capacitor Section of the Supplement Catalog 7, you will find the following information:

- Resistors, Fixed - Application Notes
- Precision Resistors Performance
- Resistor Design Tolerance
- Temperature Characteristic Code
- Nomograph Used to Determine Resistor's Stability
- Effects of Moisture on Resistors

CATALOG WRITER: CAROLE JACK 629-3029

WIREWOUND

Resistance Ω	Tolerance $\pm \%$	Watts	Fig ^a	Maximum Body Dimensions		TC ^b	Other	Part Number	MI ^c	Codes ^d		
				A	B					ND	Cost	ST
.001	1.5.	13.						308-0943-00				DL
.003	5.	5.	17	.340	.965	± 90 ppm/ $^{\circ}$ C		308-0875-00			1.750	CR
.005	3.	10.	4	.450	.812			308-0818-00			4.280	CR
.005	3.	5.	17	.390	.995	± 250 ppm/ $^{\circ}$ C		308-0851-00			2.470	CR
.01	5.	5.	17	.390	1.000	± 90 ppm/ $^{\circ}$ C		308-0802-00			2.500	CR
.01	.25	5.	17	.390	.995	± 90 ppm/ $^{\circ}$ C		308-0815-00			3.000	CR
.025	5.	.5				± 20 ppm/ $^{\circ}$ C		308-0804-00			1.140	CR
.025	5.	.5				± 20 ppm/ $^{\circ}$ C		308-0804-01				DL
.025	3.	5.	3	.353	.940	± 150 ppm/ $^{\circ}$ C		308-0757-00			.510	CR
.025	1.	2.	3	.215	.560	± 150 ppm/ $^{\circ}$ C		308-0582-00		U	.400	CR
.03	10.	10.	2	.468	1.031	± 250 ppm/ $^{\circ}$ C		308-0700-00			.852	CS
.03	.25	5.	17	.390	.995	± 90 ppm/ $^{\circ}$ C		308-0814-00		U	3.000	CS
.045	10.	3.	1	.250	.687	± 250 ppm/ $^{\circ}$ C		308-0680-00	Y		.295	CR
.05	20.	1.	11	.225	.562		Tek-made	308-0136-00			1.680	CR
.05	10.	5.	15	.343	1.072	± 250 ppm/ $^{\circ}$ C		308-0695-00			1.600	CR
.05	5.	5.	14	.284	.850		5.5 Turns (Coated)	308-0570-00			1.611	CS
.05	5.	5.	14	.284	.850		5.5 Turns	308-0570-01				DL
.06	10.	6.	14	.393	.850			308-0575-00			1.881	CS
.06	10.	6.	14	.393	.850		9 Turns (Coated)	308-0575-01				DL
.06	10.	.3					Tek-made	308-0771-00			1.230	CR
.075	5.	5.	1	.344	1.000	± 90 ppm/ $^{\circ}$ C		308-0856-00		U	.510	OT
.1	5.	1.	3	.148	.400	± 500 ppm/ $^{\circ}$ C		308-0839-00			.090	CR
.1	5.	2.	3	.233	.572	± 1000 ppm/ $^{\circ}$ C		308-0678-00	Y		.095	CR
.1	5.	5.	14	.267	.850		Tek-made, Airwound 9.5 Turns	308-0554-00				OB
.1	3.	3.	1	.250	.687	± 90 ppm/ $^{\circ}$ C		308-0643-00	Y		.275	CR
.1	3.	5.	1	.375	1.124	+ 650 ppm/ $^{\circ}$ C		308-0548-00	Y		.350	CS
.1	1.	3.	1	.250	.687	± 90 ppm/ $^{\circ}$ C		308-0828-00	Y		.255	CR
.1	1.	3.						308-5001-00 ^e			.640	EN
.1	.1	50.	4	.645	1.999	± 20 ppm/ $^{\circ}$ C	4-terminal	308-0899-00			10.670	CR
.1	.1	3.	16	.219	.622	± 20 ppm/ $^{\circ}$ C		308-0769-00			5.600	CR
.12	5.	10.	1	.407	1.843	± 150 ppm/ $^{\circ}$ C		308-0790-00				DL
.12	5.	5.	14	.182	.850		11.5 Turns (Coated)	308-0560-00			1.551	CS
.12	5.	5.	14	.182	.850		11.5 Turns	308-0560-01				DL
.12	5.	2.	3	.233	.572	+ 1000 ppm/ $^{\circ}$ C		308-0701-00	Y		.100	CR
.15	5.	3.	1	.265	.687	± 90 ppm/ $^{\circ}$ C		308-0808-00			.255	CR
.175	5.	1.	14	.122	.250		Tek-made, Airwound 7 Turns	308-0751-00			3.050	CS
.2	10.	2.	1	.218	.687	± 90 ppm/ $^{\circ}$ C		308-0760-00			.200	CR
.2	5.	3.	1	.250	.687	± 90 ppm/ $^{\circ}$ C		308-0795-00		U	.185	CR
.2	5.	1.	3	.148	.400	± 500 ppm/ $^{\circ}$ C	(Fusible)	308-0832-00	Y		.152	CR
.2	5.	1.	3	.148	.437	± 300 ppm/ $^{\circ}$ C		308-0843-00	Y		.310	CR
.2	1.	3.	1	.218	.687	± 90 ppm/ $^{\circ}$ C		308-0173-00			.275	CR
.22	10.	2.	3	.233	.572	± 800 ppm/ $^{\circ}$ C		308-0827-00			.105	CS
.225	10.	2.	11	.280	.750		Tek-made (Fusible)	308-0465-00			1.620	CR
.24	5.	2.	3	.233	.572	± 800 ppm/ $^{\circ}$ C		308-0742-00			.118	CR
.25	15.	5.	1	.282	1.124	± 90 ppm/ $^{\circ}$ C		308-0242-00			.255	CS
.25	10.	1.	11	.225	.562		(Fusible)	308-0090-00			1.650	CR
.25	5.	3.	1	.250	.687	± 175 ppm/ $^{\circ}$ C		308-0590-00	Y		.185	CR
.27	5.	1.	3	.148	.400	± 300 ppm/ $^{\circ}$ C		308-0710-00	Y		.155	CR
.3	10.	2.	1	.218	.437	± 250 ppm/ $^{\circ}$ C		308-0244-00			.250	CR
.3	5.	25.	2	.750	2.062	± 90 ppm/ $^{\circ}$ C		308-0691-00			.626	CR

^a For Figures referenced above, see tab marked WIREWOUND ILLUSTRATIONS in the back of this catalog.

^b Refer to the Resistor & Capacitor Section of the Supplement Catalog (#7), under Temperature Characteristics Code for more information on TC (Temperature Coefficient.)

^c Machine insertable.

^d The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

^e Surface mountable.

WIREWOUND (cont)

Resistance Ω	Tolerance $\pm \%$	Watts	Fig ^a	Maximum Body Dimensions		TC ^b	Other	Part Number	MI ^c	Codes ^d		
				A	B					ND	Cost	ST
.3	1.	3.	1	.250	.687	± 90 ppm/ $^{\circ}$ C		308-0463-00	Y		.275	CR
.33	5.	2.	3	.233	.572	± 800 ppm/ $^{\circ}$ C		308-0702-00			.104	CR
.4	10.	.1	3	.060	.150			308-0792-00			1.190	CR
.4	5.	10.	2	.450	1.812		Adjustable	308-0789-00			.685	CR
.4	.5	8.	12	.850	1.750		Tek-made	310-0695-00				DL
.478	1.	50.					Tek-made	308-0356-00				OB
.5	10.	20.	2	.710	2.031	± 250 ppm/ $^{\circ}$ C		308-0171-00				OB
.5	10.	3.	1	.250	.687	± 90 ppm		308-0499-00	Y		.180	CR
.5	5.	5.	1	.375	1.124	± 175 ppm/ $^{\circ}$ C		308-0165-00			.245	CS
.5	5.	.5	3	.233	.572			308-0826-00				OB
.5	1.	20.	6	1.250	3.750			308-0201-00			9.759	CS
.5	1.	8.	12	.850	1.750		Tek-made	310-0571-00				OB
.5	1.	3.	1	.218	.622	± 40 ppm/ $^{\circ}$ C		308-0855-00	Y		.300	CS
.5	1.	1.	11	.225	.562		Tek-made	308-0087-00			.578	CR
.51	5.	2.	3	.233	.572	± 800 ppm/ $^{\circ}$ C		308-0679-00	Y		.107	CR
.51	5.	1.	3	.148	.400	± 300 ppm/ $^{\circ}$ C		308-0793-00	Y		.126	CR
.51	5.	1.				± 150 ppm/ $^{\circ}$ C	Taped & Reeled	308-0793-01	Y	N		CR
.6	5.	2.	1	.218	.437	± 250 ppm/ $^{\circ}$ C		308-0245-00	Y		.265	CR
.62	5.	1.	3	.148	.400	± 300 ppm/ $^{\circ}$ C		308-0847-00	Y		.150	CS
.62	5.	1.	3	.148	.400	± 300 ppm/ $^{\circ}$ C	Taped & Reeled	308-0847-01	Y		.155	CR
.75	5.	2.	3	.233	.572	± 400 ppm/ $^{\circ}$ C		308-0755-00	Y		.102	CR
.75	5.	2.	3	.233	.572	± 400 ppm/ $^{\circ}$ C	(Fusible)	308-0841-00			.158	CR
.9	5.	.5	11				Tek-made	308-0587-00				OB
1.	10.	.25	11	.107	.312		Tek-made (Fusible)	308-0433-00			1.290	CR
1.	5.	55.	6	1.188	3.563	± 30 ppm/ $^{\circ}$ C		308-0097-00			1.110	CS
1.	5.	10.	2	.450	1.812	± 90 ppm/ $^{\circ}$ C		308-0204-00			.521	CR
1.	5.	5.	1	.343	1.000	± 30 ppm/ $^{\circ}$ C		308-0777-00			.250	CR
1.	5.	2.	3	.233	.572	± 400 ppm/ $^{\circ}$ C		308-0677-00	Y		.097	CR
1.	5.	2.	3	.233	.572	± 400 ppm/ $^{\circ}$ C	(Fusible)	308-0831-00			.147	CR
1.	5.	.5	11	.140	.375		Tek-made	308-0141-00			2.800	CR
1.	1.	50.					Tek-made	308-0195-00				OB
1.	1.	4.	1	.281	.765	± 50 ppm/ $^{\circ}$ C	Taped & Reeled	308-0799-00	Y		.443	CR
1.	.5	50.	6	1.000	3.500		Multi-tapped	308-0128-00				OB
1.	.5	4.	12	.725	1.100		Tek-made	310-0535-00				OB
1.	.25	11.	12	1.062	2.031		Tek-made	310-0687-00			7.908	CS
1.	.25	10.	1	.469	1.875	± 50 ppm/ $^{\circ}$ C		308-0683-00			1.100	CS
1.	.1	3.	16	.219	.622	± 20 ppm/ $^{\circ}$ C		308-0770-00			10.320	CS
1.1	5.	3.	1	.250	.687	± 50 ppm/ $^{\circ}$ C		308-0459-00	Y		.160	CR
1.1	5.	1.	3	.148	.400	± 150 ppm/ $^{\circ}$ C		308-0767-00	Y		.104	CR
1.2	5.	1.	3	.148	.400	± 150 ppm/ $^{\circ}$ C	(Fusible)	308-0836-00	Y		.177	CR
1.3	5.	2.	3	.233	.572	± 400 ppm/ $^{\circ}$ C		308-0822-00				OB
1.4	5.	25.	2	.775	2.062	± 175 ppm/ $^{\circ}$ C		308-0745-00			.610	CR
1.5	10.	1.	3	.148	.400	± 150 ppm/ $^{\circ}$ C		308-0058-00	Y		.120	CR
1.5	5.	3.	1	.250	.687	± 30 ppm/ $^{\circ}$ C		308-0365-00	Y		.160	CR
1.5	5.	1.	3	.148	.400	± 150 ppm/ $^{\circ}$ C		308-0685-00	Y		.104	CR
1.5	1.	8.	12	.850	1.750		Tek-made	310-0572-00				OB
1.5	1.	4.	1	.281	.765	± 50 ppm/ $^{\circ}$ C		308-0833-00			.310	CS
1.8	5.	2.	3	.233	.572	± 400 ppm/ $^{\circ}$ C		308-0703-00			.114	CR
1.8	3.	1.5	3	.125	.437	± 10 ppm/ $^{\circ}$ C		308-0420-00	Y		.700	CR
1.8	1.	5.	3	.343	.937	± 50 ppm/ $^{\circ}$ C		308-0910-00			.260	CR
2.	5.	25.	2	.710	2.031	± 50 ppm/ $^{\circ}$ C		308-0205-00			.650	CS

^a For Figures referenced above, see tab marked WIREWOUND ILLUSTRATIONS in the back of this catalog.

^b Refer to the Resistor & Capacitor Section of the Supplement Catalog (#7), under Temperature Characteristics Code for more information on TC (Temperature Coefficient.)

^c Machine insertable.

^d The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

WIREWOUND (cont)

Resistance Ω	Tolerance $\pm \%$	Watts	Fig ^a	Maximum Body Dimensions		TC ^b	Other	Part Number	MI ^c	Codes ^d		
				A	B					ND	Cost	ST
2.	5.	3.	1	.250	.687	$\pm 50 \text{ ppm}/^\circ\text{C}$	Non-inductive Tek-made	308-0240-00	Y	U	.160	CR
2.	1.	50.	4	.645	1.999	$\pm 50 \text{ ppm}/^\circ\text{C}$		308-0912-00			5.490	CR
2.	1.	50.	1	.250	.687	$\pm 50 \text{ ppm}/^\circ\text{C}$	Non-inductive Tek-made	308-0196-00	Y	U	.175	OB
2.	1.	3.	12	1.062	2.031	$\pm 50 \text{ ppm}/^\circ\text{C}$		308-0779-00			13.790	CR
2.	.5	11.	12	1.062	2.031	$\pm 50 \text{ ppm}/^\circ\text{C}$	Tapped at 1.25 Ω , Tek-made	310-0685-00	Y	U	.700	CR
2.	.25	3.	3	.210	.662	$\pm 10 \text{ ppm}/^\circ\text{C}$		308-0934-00			.694	CR
2.12	1.	20.	6	.625	2.125	$\pm 50 \text{ ppm}/^\circ\text{C}$	Tapped at 1.25 Ω , Tek-made	308-0598-00	Y	U	.104	CR
2.17	1.	20.	6	.625	2.125	$\pm 50 \text{ ppm}/^\circ\text{C}$		308-0599-00			.104	CR
2.2	5.	2.	3	.233	.572	$\pm 400 \text{ ppm}/^\circ\text{C}$	Tapped at 1.25 Ω , Tek-made	308-0686-00	Y	U	.104	CR
2.25	1.	50.	3	.233	.572	$\pm 400 \text{ ppm}/^\circ\text{C}$		308-0202-00			.104	OB
2.4	5.	2.	12	.350	.850	$\pm 400 \text{ ppm}$	Tek-made	310-0536-00	Y	U		OB
2.47	1.	8.	12	.850	1.750		Tek-made	310-0537-00				OB
2.6	5.	1.	11	.225	.562	$\pm 400 \text{ ppm}/^\circ\text{C}$	Tek-made	308-0741-00	Y	U	1.306	CS
2.7	5.	2.	3	.233	.572		(Fusible)	308-0764-00			.470	CR
3.	10.	3.	1	.218	.687	$\pm 175 \text{ ppm}$	(Fusible)	308-0690-00	Y	U	.160	CR
3.	10.	5.	3	.406	.906	$\pm 400 \text{ ppm}$		308-0873-00			.194	CR
3.	5.	25.	2	.710	2.062	$\pm 50 \text{ ppm}/^\circ\text{C}$	Taped & Reeled	308-0188-00	Y	U	.620	CR
3.	5.	8.	2	.500	1.531	$\pm 175 \text{ ppm}/^\circ\text{C}$		308-0161-00			.580	CR
3.	5.	5.	1	.375	1.124	$\pm 50 \text{ ppm}/^\circ\text{C}$	Taped & Reeled	308-0778-00	Y	U	.370	CR
3.	5.	3.	1	.250	.687	$\pm 50 \text{ ppm}/^\circ\text{C}$		308-0441-00			.160	CR
3.	3.	25.	4	.594	1.124	$\pm 50 \text{ ppm}/^\circ\text{C}$	Tek-made Tek-made (4 Leads)	308-0823-00	Y	U	.800	CR
3.	1.	50.	4	.594	1.124			308-0197-00			.800	OB
3.	.25	2.	12	.350	.850	$\pm 50 \text{ ppm}/^\circ\text{C}$	Tek-made Tek-made (4 Leads)	310-0705-00	Y	U	10.180	CR
3.6	5.	5.	3	.344	1.000			308-0919-00			.210	CR
4.	5.	10.	2	.450	1.781	$\pm 175 \text{ ppm}/^\circ\text{C}$	Tek-made	308-0386-00	Y	U		DL
4.	5.	5.	1	.375	1.124	$\pm 30 \text{ ppm}/^\circ\text{C}$		308-0803-00			.195	CR
4.	1.	3.	1	.250	.687	$\pm 30 \text{ ppm}/^\circ\text{C}$	Tek-made	308-0739-00	Y	U	.190	CR
4.	.5	50.	6	1.000	3.500	$\pm 30 \text{ ppm}/^\circ\text{C}$		308-0129-00				OB
4.34	1.	10.	6	1.000	3.500	$\pm 30 \text{ ppm}/^\circ\text{C}$	Tek-made	308-0607-00	Y	U	.610	CS
4.4	.5	.5	3	.110	.350	$\pm 50 \text{ ppm}/^\circ\text{C}$		308-0579-00			.700	CR
4.49	1.	10.	6	.438	.813	$\pm 50 \text{ ppm}/^\circ\text{C}$	Tek-made	308-0606-00	Y	U		DL
4.5	1.	8.	12	.850	1.750	$\pm 50 \text{ ppm}/^\circ\text{C}$		310-0575-00				OB
4.5	1.	4.	12	.725	1.100	$\pm 50 \text{ ppm}/^\circ\text{C}$	Tek-made	310-0661-00	Y	U	3.206	CS
4.65	.5	.5	3	.109	.350	$\pm 50 \text{ ppm}/^\circ\text{C}$		308-0639-00				OB
4.75	.5	.5	1	.109	.350	$\pm 50 \text{ ppm}/^\circ\text{C}$	Tek-made	308-0581-00	Y	U	.530	CR
4.85	.5	.5	3	.110	.350	$\pm 50 \text{ ppm}/^\circ\text{C}$		308-0640-00			.390	CS
4.97	1.	8.	12	.850	1.750	$\pm 50 \text{ ppm}/^\circ\text{C}$	Tek-made	310-0545-00	Y	U		OB
5.	5.	25.	2	.775	2.062	$\pm 100 \text{ ppm}/^\circ\text{C}$		308-0177-00				OB
5.	5.	5.	2	.400	1.0625	$\pm 50 \text{ ppm}/^\circ\text{C}$	Tek-made	308-0001-00	Y	U	.470	CR
5.	5.	5.	1	.375	1.124	$\pm 50 \text{ ppm}/^\circ\text{C}$		308-0179-00			.180	CR
5.	5.	3.	1	.218	.687	$\pm 50 \text{ ppm}/^\circ\text{C}$	Tek-made	308-0555-00	Y	U	.160	CR
5.	3.	25.	4	.594	1.124	$\pm 50 \text{ ppm}/^\circ\text{C}$		308-0842-00			.800	CS
5.	1.	50.	4	.594	1.124	$\pm 50 \text{ ppm}/^\circ\text{C}$	Tek-made	308-0198-00	Y	U		OB
5.	1.	50.	4	.594	1.124	$\pm 50 \text{ ppm}/^\circ\text{C}$		308-0203-00				OB
5.	1.	8.	12	.850	1.750	$\pm 50 \text{ ppm}/^\circ\text{C}$	Tapped at 2.5 Ω Tek-made	310-0569-00	Y	U		OB
5.	1.	3.	1	.218	.687	$\pm 30 \text{ ppm}/^\circ\text{C}$		308-0488-00			.235	CR
5.	.5	11.	12	1.050	2.025	$\pm 30 \text{ ppm}/^\circ\text{C}$	Tek-made	310-0686-00	Y	U	13.620	CS
5.1	5.	2.	1	.104	.406	$\pm 175 \text{ ppm}/^\circ\text{C}$		308-0801-00			.470	CR
5.1	2.	1.	1	.126	.468	$\pm 440 \text{ ppm}/^\circ\text{C}$	Tek-made	308-0417-00	Y	U		OB
5.1	2.	1.	1	.126	.468	$\pm 440 \text{ ppm}/^\circ\text{C}$		308-0417-00				OB

^a For Figures referenced above, see tab marked WIREWOUND ILLUSTRATIONS in the back of this catalog.^b Refer to the Resistor & Capacitor Section of the Supplement Catalog (#7), under Temperature Characteristics Code for more information on TC (Temperature Coefficient.)^c Machine insertable.^d The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

WIREWOUND (cont)

Resistance Ω	Tolerance \pm %	Watts	Fig ^a	Maximum Body Dimensions		TC ^b	Other	Part Number	MI ^c	Codes ^d		
				A	B					ND	Cost	ST
5.55	.5	3.	1	.218	.687	± 20 ppm/ $^{\circ}$ C	Taped & Reeled	308-0754-00	Y		.510	CR
6.	5.	25.	2	.775	2.062	± 50 ppm/ $^{\circ}$ C		308-0219-00			.610	CR
6.	.25	3.	3	.210	1.500	± 10 ppm/ $^{\circ}$ C		308-0935-00			.700	CR
6.2	5.	65.	6	1.188	4.812	± 30 ppm/ $^{\circ}$ C	Tapped at 1.1 Ω	308-0533-00			2.230	CR
6.2	1.	7.	1	.375	1.375	± 50 ppm/ $^{\circ}$ C		308-0837-00			.400	CR
6.8	5.	3.	1	.250	.687	± 50 ppm/ $^{\circ}$ C		308-0503-00	Y		.160	CR
7.4	1.	5.	3	.343	.937	± 50 ppm/ $^{\circ}$ C		308-0909-00			.260	CR
7.5	5.	25.	2	.775	2.031	± 175 ppm/ $^{\circ}$ C		308-0184-00			.565	CS
7.5	5.	10.	1	.469	1.875	± 175 ppm/ $^{\circ}$ C	Safety Controlled	308-0125-00			.510	CR
7.5	1.	50.	4	.645	1.999	± 50 ppm/ $^{\circ}$ C	Non-inductive	308-0913-00			4.310	CR
8.	5.	5.	1	.282	1.124	± 50 ppm/ $^{\circ}$ C		308-0290-00			.230	CR
8.2	5.	5.					Safety Controlled	308-0942-00			.350	CR
8.8	5.	5.	1	.375	1.124	± 90 ppm/ $^{\circ}$ C		308-0704-00	Y		.180	CR
8.9	1.	4.	12	.725	1.100		Tek-made	310-0662-00			.868	CS
9.	.5	.5	1	.109	.350			308-0580-00			.390	CR
9.	.1	3.	1	.250	.687	± 20 ppm/ $^{\circ}$ C		308-0772-00	Y		.620	CS
9.5	1.	4.	12	.725	1.100		Tek-made	310-0573-00				OB
9.9	.5	.5	1	.110	.392	± 20 ppm/ $^{\circ}$ C		308-0641-00	Y		.408	CR
9.97	1.	8.	12	.850	1.750		Tek-made	310-0544-00				OB
10.	10.	3.	13	.220	.624	± 30 ppm/ $^{\circ}$ C		308-0050-00			.350	CS
10.	5.	10.	2	.450	1.781	± 250 ppm/ $^{\circ}$ C		308-0175-00			.504	CR
10.	5.	8.	1	.406	1.500	± 250 ppm/ $^{\circ}$ C		308-0167-00				OB
10.	5.	5.	1	.250	1.124	± 30 ppm/ $^{\circ}$ C		308-0399-00	Y		.235	CS
10.	5.	5.	1	.344	1.000	± 30 ppm/ $^{\circ}$ C	Bulk Packed	308-0399-01			.185	CR
10.	5.	2.	1	.219	.406	± 30 ppm/ $^{\circ}$ C		308-0574-00	Y		.277	CR
10.	5.	1.	3	.148	.400	± 150 ppm/ $^{\circ}$ C		308-0776-00			.104	CR
10.	5.	1.	3	.148	.400	± 150 ppm/ $^{\circ}$ C	Safety Controlled (Fusible)	308-0874-00			.195	CR
10.	3.	1.5	1	.187	.437	± 4500 ppm/ $^{\circ}$ C		308-0532-00	Y		.960	CR
10.	1.	50.				± 400 ppm/ $^{\circ}$ C	Tek-made	308-0199-00				OB
10.	1.	4.	12	.725	1.100		Tek-made	310-0570-00				OB
10.	.5	55.	6	.906	3.563			308-0512-00				OB
10.	.5	11.	12				Tek-made	310-0684-00			13.528	CS
10.	.25	10.	1	.469	1.875	± 30 ppm/ $^{\circ}$ C		308-0684-00			.705	CR
10.	.1	.25	1	.110	.282	± 20 ppm/ $^{\circ}$ C		308-0807-00			3.780	CS
10.	.01	1.	12	1.040	1.050	± 15 ppm/ $^{\circ}$ C	4 Terminals	308-0785-00			32.800	CS
11.	1.	.5	3	.110	.350	± 20 ppm/ $^{\circ}$ C		308-0589-00	Y		.270	CS
12.	1.	5.	1	.375	1.124	± 30 ppm/ $^{\circ}$ C		308-0838-00	Y		.260	CR
12.	1.	.5	3	.110	.350	± 10 ppm/ $^{\circ}$ C		308-0588-00				OB
12.5	1.	5.	2	.450	1.062	± 30 ppm/ $^{\circ}$ C		308-0634-00			.450	CR
12.5	1.	4.	12	.725	1.100		Tek-made	310-0576-00				OB
13.	5.	10.	2	.450	1.781	± 250 ppm/ $^{\circ}$ C		308-0158-00				OB
13.7	1.	5.	1	.375	1.125	± 20 ppm/ $^{\circ}$ C	Non-inductive	308-0763-00			.470	CR
15.	5.	30.	6	1.188	1.312	± 175 ppm/ $^{\circ}$ C		308-0768-00			.640	CS
15.	5.	25.	2	.906	2.031	± 30 ppm/ $^{\circ}$ C		308-0133-00		U	1.540	CS
15.	5.	10.	2	.450	1.781	± 250 ppm/ $^{\circ}$ C		308-0143-00				OB
15.	5.	5.	1	.218	.874	± 30 ppm/ $^{\circ}$ C		308-0446-01			.260	CR
15.	5.	5.	2	.500	1.031	± 175 ppm/ $^{\circ}$ C		308-0422-00				OB
15.	5.	5.	1	.250	1.124	± 175 ppm/ $^{\circ}$ C		308-0446-00	Y		.220	CS
16.	5.	5.	1	.375	1.124	± 175 ppm/ $^{\circ}$ C		308-0166-00				OB

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^c Machine insertable.

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WIREWOUND (cont)

Resistance Ω	Tolerance $\pm \%$	Watts	Fig ^a	Maximum Body Dimensions		TC ^b	Other	Part Number	MI ^c	Codes ^d		
				A	B					ND	Cost	ST
16.	1.	30.	6	1.188	1.313	± 50 ppm/ $^{\circ}$ C	Tek-made	308-0597-00			.870	CR
16.5	1.	4.	12	.850	1.750			310-0622-00				OB
17.	5.	8.	2	.575	1.031	± 50 ppm/ $^{\circ}$ C		308-0504-00			1.520	CR
18.2	1.	3.	1	.250	.687	± 30 ppm/ $^{\circ}$ C	Tek-made	308-0344-00			.350	CR
19.5	1.	4.	12	.725	1.100			310-0574-00				OB
20.	5.	10.	2	.450	1.812	± 30 ppm/ $^{\circ}$ C		308-0246-00			.540	CR
20.	5.	5.	2	.500	1.031	± 175 ppm/ $^{\circ}$ C		308-0279-00				OB
20.	5.	5.	1	.375	1.124	± 30 ppm/ $^{\circ}$ C		308-0123-00			.250	CR
20.	5.	5.	1	.250	1.124	± 30 ppm/ $^{\circ}$ C		308-0401-00				DL
20.	5.	1.	3	.148	.400	± 150 ppm/ $^{\circ}$ C	Safety Controlled (Fusible)	308-0788-00	Y		.180	CR
20.	1.	3.	1	.250	.687	± 30 ppm/ $^{\circ}$ C		308-0740-00	Y		.190	CR
20.	.5	5.	1	.375	1.124 Min	± 30 ppm/ $^{\circ}$ C		308-0584-00	Y		.460	CR
21.5	1.	20.	6					308-0601-00				DL
22.	5.	3.	1	.250	.687	± 30 ppm/ $^{\circ}$ C		308-0269-00	Y		.160	CR
24.7	1.	3.	1	.250	.687	± 30 ppm/ $^{\circ}$ C		308-0297-00	Y		.190	CR
24.775	5.	25.	6	1.250	3.750		Tapped at 2.25 Ω , Tek-made	308-0510-00				DL
25.	5.	25.	2	.775	2.062	± 50 ppm/ $^{\circ}$ C		308-0233-00		U	.620	CR
25.	5.	10.	2	.450	1.781	± 175 ppm/ $^{\circ}$ C		308-0151-00				OB
25.	1.	11.				± 3.5 ppm/ $^{\circ}$ C	Tek-made	310-0706-01			10.630	CR
25.	1.	8.	12	.850	1.750		Tek-made	310-0543-00				OB
25.	1.	5.	1	.250	.748	± 30 ppm/ $^{\circ}$ C		308-0694-00			1.100	CR
25.	1.	5.	1	.375	1.124	± 30 ppm/ $^{\circ}$ C		308-0644-00	Y		.240	CR
27.	1.	3.	1	.218	.622	± 30 ppm/ $^{\circ}$ C		308-0620-00			.600	CR
28.	1.	5.	1	.375	1.124			308-0723-00			.310	CS
30.	5.	5.	1	.250	1.124	± 30 ppm/ $^{\circ}$ C		308-0402-00	Y		.266	CR
30.	5.	3.	1	.250	.687	± 30 ppm/ $^{\circ}$ C		308-0142-00			.160	CR
30.	1.	50.	4	.645	1.999	± 30 ppm/ $^{\circ}$ C	Non-inductive	308-0914-00			4.310	CR
30.	1.	40.	1	.188	.800		Tek-made	308-0200-00				DL
30.	1.	5.	3	.343	.937	± 20 ppm/ $^{\circ}$ C		308-0908-00			.260	CR
30.	1.7	2.	12	.350	.850		Tek-made	310-0540-00				OB
31.6	1.	5.	1	.343	1.124	± 30 ppm/ $^{\circ}$ C		308-0780-00			.228	CS
32.6	1.	3.	3	.218	.622	± 50 ppm/ $^{\circ}$ C		308-0857-00	Y		.235	CS
35.	5.	5.	2	.500	1.031	± 175 ppm/ $^{\circ}$ C		308-0353-00				OB
35.	5.	5.	1	.375	1.124	± 30 ppm/ $^{\circ}$ C		308-0568-00	Y		.180	CR
35.	5.	3.	1	.250	.687	± 30 ppm/ $^{\circ}$ C		308-0223-00			.160	CR
35.	.5	2.	12	.350	.850		Tek-made (4 Leads)	310-0704-00			30.840	CS
36.	5.	5.	3	.406	.906	± 400 ppm/ $^{\circ}$ C	(Fusible)	308-0872-00			.094	CR
37.	1.	3.	1	.250	.687	± 30 ppm/ $^{\circ}$ C		308-0619-00	Y		.235	CR
37.5	1.	10.	2	.450	1.812	± 30 ppm/ $^{\circ}$ C		308-0635-00			.415	CS
40.	5.	10.	2	.450	1.781	± 175 ppm/ $^{\circ}$ C		308-0012-00			.450	CS
40.	.5	55.	6	1.188	4.813	± 50 ppm/ $^{\circ}$ C	Center Tap, 20 Ω	308-0591-00			3.730	CR
40.	.5	.5	3	.110	.350	± 20 ppm/ $^{\circ}$ C		308-0642-00	Y		.476	CR
44.	1.	3.	1	.250	.687	± 30 ppm/ $^{\circ}$ C		308-0692-00	Y		.190	CR
45.	1.	11.				± 3.5 ppm/ $^{\circ}$ C		310-0707-00			15.740	CR
46.4	1.	1.	3	.125	.437	± 20 ppm/ $^{\circ}$ C		308-0714-00			.255	CR
47.	5.	3.	1	.250	.687	± 30 ppm/ $^{\circ}$ C		308-0388-00	Y		.160	CR
48.	5.	55.	6	.906	3.563		Multi-tapped	308-0099-00				OB
48.	5.	5.	2	.468	1.063	± 30 ppm/ $^{\circ}$ C		308-0816-00			.169	CS
50.	5.	25.	2	.775	2.031	± 175 ppm/ $^{\circ}$ C		308-0164-00			.420	CS
50.	5.	10.	2	.450	1.781	± 175 ppm/ $^{\circ}$ C		308-0362-00			2.010	CS

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^c Machine insertable.

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WIREWOUND (cont)

Resistance Ω	Tolerance $\pm \%$	Watts	Fig ^a	Maximum Body Dimensions		TC ^b	Other	Part Number	MIC ^c	Codes ^d		
				A	B					ND	Cost	ST
50.	1.	8.	12	.850	1.750		Tek-made	310-0542-00				OB
50.	1.	50.	4	.645	1.999	± 30 ppm/ $^{\circ}$ C	Non-inductive	308-0911-00			4.310	CR
50.	1.	3.	1	.250	.687	± 30 ppm/ $^{\circ}$ C	Safety Controlled	308-0720-00	Y		.190	CR
50.	.5	5.	1	.375	1.124	± 30 ppm/ $^{\circ}$ C		308-0585-00	Y	U	.460	CR
50.	.5	3.	1	.218	.687	± 20 ppm/ $^{\circ}$ C		308-0720-01			.350	CR
50.	.05	4.	12	.645	1.025		Tek-made	310-0663-00			21.470	CS
50.	.05	.2	9	.250	.750		Tek-made	310-0627-00			7.900	CR
50.	.02	5.	1	.343	1.124	± 10 ppm/ $^{\circ}$ C	Non-inductive	308-0798-00			5.320	CR
55.	.05	4.	1	.281	.752	± 10 ppm/ $^{\circ}$ C		308-0774-00			1.080	CS
56.	5.	3.	1	.250	.687	± 30 ppm/ $^{\circ}$ C		308-0460-00	Y		.170	CR
57.6	1.	12.	7	.406	1.813	± 30 ppm/ $^{\circ}$ C		308-0705-00			1.160	CR
60.	5.	8.	2	.500	1.531	± 175 ppm/ $^{\circ}$ C		308-0160-00				OB
60.	5.	5.	1	.375	1.124	± 260 ppm/ $^{\circ}$ C		308-0162-00				OB
62.	5.	3.	1	.218	.687	± 175 ppm/ $^{\circ}$ C		308-0500-00			.210	CS
67.	1.	4.	12	.725	1.100		Tek-made	310-0606-00				OB
70.	5.	5.	1	.375	1.124	± 30 ppm/ $^{\circ}$ C	Taped & Reeled	308-0078-00			.185	CS
70.	5.	3.	1	.218	.687	± 175 ppm/ $^{\circ}$ C		308-0405-00			.165	CR
70.	1.	3.	1	.250	.687	± 30 ppm/ $^{\circ}$ C		308-0450-00	Y		.215	CR
74.	1.	4.	12	.725	1.100		Tek-made	310-0677-00				OB
75.	5.	10.	2	.450	1.781	± 175 ppm/ $^{\circ}$ C		308-0152-00			.300	CS
75.	1.	3.	1	.250	.687	± 30 ppm/ $^{\circ}$ C	Non-inductive	308-0845-00	Y		.480	CS
78.	1.	1.	1	.125	.437	± 20 ppm/ $^{\circ}$ C		308-0715-00	Y		.250	CR
80.	.5	50.	6	1.000	3.500		Tek-made	308-0130-00				OB
84.	5.	5.	2	.500	1.031	± 175 ppm/ $^{\circ}$ C		308-0056-00				OB
84.	1.	3.	1	.250	.687	± 30 ppm/ $^{\circ}$ C		308-0239-00		U	.215	CR
85.	5.	3.	1	.218	.687	± 30 ppm/ $^{\circ}$ C		308-0236-00			.170	CR
85.	1.	8.	12				Tek-made	310-0628-00				OB
90.	5.	25.	2	.775	2.031	± 175 ppm/ $^{\circ}$ C		308-0744-00			.590	CR
90.	1.	50.	4	.645	1.999	± 30 ppm/ $^{\circ}$ C	Non-inductive	308-0915-00			4.310	CR
90.	.5	3.	1	.218	.687	± 30 ppm/ $^{\circ}$ C		308-0696-00	Y		.430	CR
91.	5.	3.	1	.250	.687	± 175 ppm/ $^{\circ}$ C		308-0451-00			.190	CS
93.	.1	.25						310-0675-00				OB
100.	5.	55.	6	.906	3.563		Multi-tapped	308-0098-00			1.700	CS
100.	5.	10.	2	.450	1.781	± 175 ppm/ $^{\circ}$ C		308-0153-00			.522	CS
100.	5.	8.	1	.406	1.500	± 175 ppm/ $^{\circ}$ C		308-0110-00			.405	CR
100.	5.	5.	2	.500	1.062	± 30 ppm/ $^{\circ}$ C		308-0209-00			.335	CS
100.	5.	3.	1	.218	.687	± 30 ppm/ $^{\circ}$ C		308-0075-00		U	.170	CR
100.	1.	3.	1	.218	.687	± 20 ppm/ $^{\circ}$ C		308-0756-00	Y		.210	CR
100.	.5	5.	1	.250	1.124	± 30 ppm/ $^{\circ}$ C		308-0545-00	Y		.435	CR
100.	.1	3.	1	.218	.687	± 10 ppm/ $^{\circ}$ C		308-0075-01			.700	CR
100.	.1	.2	3	.202	.406	± 50 ppm/ $^{\circ}$ C		308-0724-00			1.320	CR
102.9	.2	2.	12	.350	.850		Tek-made	310-0526-00				OB
105.	1.	3.	1	.218	.687	± 10 ppm/ $^{\circ}$ C		308-0497-00	Y		.455	CS
115.	.5	50.	6	1.000	3.500		Tek-made	308-0131-00				OB
117.	5.	8.	1	.406	1.500	± 175 ppm/ $^{\circ}$ C		308-0174-00				OB
117.	5.	5.	1	.375	1.124	± 30 ppm/ $^{\circ}$ C	Safety Controlled	308-0079-00			.180	CR
120.	5.	5.	2	.500	1.031	± 175 ppm/ $^{\circ}$ C		308-0163-00				OB
120.	5.	3.	1	.250	.687	± 30 ppm/ $^{\circ}$ C		308-0431-00	Y		.170	CR
120.	.25	2.	12	.350	.850		Tek-made	310-0561-00				OB
125.	5.	25.	2	.710	2.031	± 175 ppm/ $^{\circ}$ C		308-0035-00			.620	CS

^a For Figures referenced above, see tab marked WIREWOUND ILLUSTRATIONS in the back of this catalog.

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^c Machine insertable.

^d The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

WIREWOUND (cont)

Resistance Ω	Tolerance $\pm \%$	Watts	Fig ^a	Maximum Body Dimensions		TC ^b	Other	Part Number	MI ^c	Codes ^d		
				A	B					ND	Cost	ST
125.	1.	1.	1	.125	.437	± 20 ppm/ $^{\circ}$ C	Tapped at 23.5 Ω	308-0706-00				OB
125.	.1	3.	1	.250	.687	± 10 ppm/ $^{\circ}$ C		308-0546-00			.995	CR
133.5	5.	65.	6	1.188	4.812	± 30 ppm/ $^{\circ}$ C		308-0534-00			1.990	CR
148.	1.	10.						308-0941-00			.840	CR
150.	5.	10.	2	.450	1.781	± 175 ppm/ $^{\circ}$ C		308-0315-00				OB
150.	5.	5.	1	.250	1.124	± 175 ppm/ $^{\circ}$ C	Safety Controlled	308-0338-00			.265	CR
150.	5.	3.	1	.218	.687	± 175 ppm/ $^{\circ}$ C		308-0218-00			.170	CR
150.	1.	5.	1	.250	1.124	± 30 ppm/ $^{\circ}$ C		308-0248-00			.381	CR
167.	5.	5.	2	.500	1.031	± 175 ppm/ $^{\circ}$ C		308-0045-00			.270	CS
167.	5.	5.	1	.250	1.124	± 175 ppm/ $^{\circ}$ C		308-0104-00			.215	CS
167.	1.	3.	1	.250	.687	± 30 ppm/ $^{\circ}$ C		308-0623-00	Y		.235	CR
178.	1.	3.	1	.250	.687	± 30 ppm/ $^{\circ}$ C		308-0387-00	Y		.215	CR
180.	5.	8.	1	.375	1.312	± 30 ppm/ $^{\circ}$ C		308-0688-00		U	.180	CS
195.	1.	5.	1	.250	1.124	± 30 ppm/ $^{\circ}$ C		308-0250-00				OB
200.	5.	25.	2	.710	2.031	± 175 ppm/ $^{\circ}$ C		308-0122-00			.490	CS
200.	5.	20.	2	.710	2.031	± 175 ppm/ $^{\circ}$ C	(Fusible)	308-0028-00				OB
200.	5.	10.	2	.450	1.781	± 175 ppm/ $^{\circ}$ C		308-0013-00				OB
200.	5.	7.	1	.343	1.281	± 175 ppm/ $^{\circ}$ C		308-0337-00		U	.300	CR
200.	5.	7.	1	.343	1.100	± 175 ppm/ $^{\circ}$ C		308-0337-01			.450	OT
200.	5.	5.	2	.500	1.031	± 175 ppm/ $^{\circ}$ C		308-0275-00			.430	CS
200.	5.	3.	1	.250	.687	± 175 ppm/ $^{\circ}$ C	Tek-made Non-inductive, Taped & Reeled	308-0385-00	Y		.250	CR
200.	1.	10.	1	.469	1.875	± 30 ppm/ $^{\circ}$ C		308-0761-00			.510	CS
200.	1.	3.	1	.250	.687	± 30 ppm/ $^{\circ}$ C		308-0736-00	Y		.215	CR
210.	5.	10.	2	.450	1.781	± 175 ppm/ $^{\circ}$ C		308-0060-00				OB
220.	10.	.25	3	.118	.295	± 400 ppm/ $^{\circ}$ C		307-0999-00			.026	CR
220.	5.	3.	1	.250	.687	± 30 ppm/ $^{\circ}$ C	Tek-made Non-inductive, Taped & Reeled	308-0231-00			.170	CR
225.	5.	5.	2	.500	1.031	± 175 ppm/ $^{\circ}$ C		308-0394-00				OB
227.5	.5	3.	12	.725	1.100			310-0697-00			8.070	CS
237.	1.	1.	3	.126	.468	± 10 ppm/ $^{\circ}$ C		308-0667-00	Y		1.110	CR
240.	5.	3.	1	.250	.687	± 30 ppm/ $^{\circ}$ C		308-0243-00	Y		.170	CR
250.	5.	25.	2	.775	2.031	± 175 ppm/ $^{\circ}$ C		308-0404-00				OB
250.	5.	10.	2	.450	1.781	± 175 ppm/ $^{\circ}$ C		308-0014-00				OB
256.	5.	5.	2	.500	1.031	± 175 ppm/ $^{\circ}$ C		308-0251-00				OB
260.	1.	25.	2	.710	2.031	± 175 ppm/ $^{\circ}$ C		308-0447-00				OB
267.	5.	10.	2	.450	1.781	± 175 ppm/ $^{\circ}$ C		308-0440-00				OB
270.	5.	3.	1	.250	.687	± 30 ppm/ $^{\circ}$ C	Tek-made	308-0819-00			.200	CS
270.	.1	.25	3	.266	.532	± 20 ppm/ $^{\circ}$ C		308-0729-00				OB
300.	5.	10.	2	.450	1.781	± 175 ppm/ $^{\circ}$ C		308-0395-00				OB
300.	5.	3.	1	.250	.687	± 50 ppm/ $^{\circ}$ C		308-0076-00	Y		.170	CR
300.	1.	50.						308-0355-00				OB
300.	1.	5.	1	.375	1.124	± 30 ppm/ $^{\circ}$ C	Bobbin Wound	308-0070-00			.288	CR
300.	1.	3.	1	.218	.687	± 30 ppm/ $^{\circ}$ C		308-0299-00			.195	CR
300.	1.	.5	3	.266	.782	± 7 ppm/ $^{\circ}$ C		308-0330-00			1.430	CS
320.	5.	5.	2	.500	1.031	± 175 ppm/ $^{\circ}$ C	Tek-made, Insul. Sleeve	308-0232-00				OB
330.	3.	.5	3	.140	.375			308-0278-00				OB
330.	1.	2.5	1	.218	.687	± 20 ppm/ $^{\circ}$ C	Non-inductive Non-inductive	308-0443-00			.235	CR
333.	5.	10.	2	.450	1.781	± 175 ppm/ $^{\circ}$ C		308-0049-00				OB
340.	1.	50.	4	.645	1.999	± 20 ppm/ $^{\circ}$ C		308-0916-00			4.310	CR
350.	1.	7.	1	.344	1.250	± 10 ppm/ $^{\circ}$ C		308-0425-00			.500	OT
380.	5.	20.	2	.710	2.062	± 30 ppm/ $^{\circ}$ C		308-0416-00			.590	CR

^a For Figures referenced above, see tab marked WIREWOUND ILLUSTRATIONS in the back of this catalog.^b Refer to the Resistor & Capacitor Section of the Supplement Catalog (#7), under Temperature Characteristics Code for more information on TC (Temperature Coefficient.)^c Machine insertable.^d The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

WIREWOUND (cont)

Resistance Ω	Tolerance $\pm \%$	Watts	Fig ^a	Maximum Body Dimensions		TC ^b	Other	Part Number	MIC ^c	Codes ^d		
				A	B					ND	Cost	ST
390.	5.	3.	1	.250	.687	$\pm 30 \text{ ppm}/^{\circ}\text{C}$		308-0252-00	Y		.170	CR
400.	5.	20.	2	.710	2.031	$\pm 175 \text{ ppm}/^{\circ}\text{C}$		308-0029-00			.650	CS
400.	.1	3.	1	.218	.687	$\pm 10 \text{ ppm}/^{\circ}\text{C}$		308-0550-00				OB
425.	1.	25.	2	.775	2.031	$\pm 30 \text{ ppm}/^{\circ}\text{C}$		308-0352-00				OB
430.	1.	8.	12	.850	1.750		Tek-made	310-0701-00			11.810	CS
430.	1.	7.	1	.344	1.375		Non-inductive	308-0758-00			.810	CR
430.	1.	3.	1	.250	.687	$\pm 20 \text{ ppm}/^{\circ}\text{C}$		308-0796-00			.320	CS
454.5	.25	10.	1	.469	1.875	$\pm 30 \text{ ppm}/^{\circ}\text{C}$		308-0717-00			.533	CS
470.	5.	5.	2	.500	1.031	$\pm 175 \text{ ppm}/^{\circ}\text{C}$		308-0274-00				OB
470.	5.	3.	1	.250	.687	$\pm 30 \text{ ppm}/^{\circ}\text{C}$		308-0426-00	Y		.170	CR
470.	1.	4.	1	.281	.765	$\pm 30 \text{ ppm}/^{\circ}\text{C}$		308-0800-00			.498	CR
475.	.1	3.	1	.250	.687	$\pm 30 \text{ ppm}/^{\circ}\text{C}$		308-0633-00	Y		.563	CR
494.	5.	20.	2	.710	2.031	$\pm 175 \text{ ppm}/^{\circ}\text{C}$	Tapped at 29 Ω	308-0444-00				OB
500.	5.	20.	2	.710	2.031	$\pm 175 \text{ ppm}/^{\circ}\text{C}$		308-0096-00			.490	CS
500.	5.	10.	2	.450	1.781	$\pm 175 \text{ ppm}/^{\circ}\text{C}$		308-0183-00				OB
500.	5.	5.	2	.500	1.031	$\pm 175 \text{ ppm}/^{\circ}\text{C}$		308-0189-00			.270	CS
500.	3.	.5	3	.140	.375		Tek-made, 4.33 μH (Insulated)	308-0277-00			5.150	CS
500.	1.	50.	4	.645	1.999	$\pm 20 \text{ ppm}/^{\circ}\text{C}$	Non-inductive	308-0917-00			4.310	CR
500.	1.	13.	1	.469	1.875	$\pm 20 \text{ ppm}/^{\circ}\text{C}$		308-0834-00			.615	CS
500.	1.	8.	1	.406	1.499		Non-inductive	308-0430-00				OB
500.	1.	5.	1	.375	1.124	$\pm 30 \text{ ppm}/^{\circ}\text{C}$		308-0071-00			.345	CS
500.	.1	3.	1	.250	.687	$\pm 20 \text{ ppm}/^{\circ}\text{C}$		308-0542-00	Y		.690	CR
500.	.25	3.	1	.250	.687	$\pm 10 \text{ ppm}/^{\circ}\text{C}$		308-0434-00	Y		1.900	CS
515.	2.	2.	12	.350	.850		Tek-made	310-0551-00				OB
560.	5.	3.	1	.250	.687	$\pm 30 \text{ ppm}/^{\circ}\text{C}$		308-0298-00	Y		.170	CR
600.	5.	25.	2	.775	2.031	$\pm 175 \text{ ppm}/^{\circ}\text{C}$		308-0114-00			.490	CS
600.	5.	13.	3	.500	2.093	$\pm 20 \text{ ppm}/^{\circ}\text{C}$	Non-inductive	308-0392-00			2.480	CR
600.	5.	10.	2	.450	1.781	$\pm 175 \text{ ppm}/^{\circ}\text{C}$		308-0148-00				OB
600.	5.	10.	3	.500	2.093	$\pm 20 \text{ ppm}/^{\circ}\text{C}$		308-0015-00				OB
600.	1.	2.	12	.350	.850		Tek-made	310-0567-00				OB
600.	1.	.5	3	.266	.782	$\pm 7 \text{ ppm}/^{\circ}\text{C}$	Bobbin Wound	308-0331-00			.085	CS
620.	5.	8.	1	.406	1.500	$\pm 90 \text{ ppm}/^{\circ}\text{C}$		308-0687-00			.332	CS
650.	2.	2.	12	.350	.850		Tek-made	310-0513-00				OB
650.	1.	4.	12	.725	1.100		Tek-made	310-0623-00				OB
667.	5.	5.	2	.500	1.062	$\pm 30 \text{ ppm}/^{\circ}\text{C}$		308-0271-00			.480	CR
670.	1.	.5	3	.140	.375		Tek-made, 4.7 μH	308-0357-00				OB
680.	5.	3.	1	.218	.687	$\pm 30 \text{ ppm}/^{\circ}\text{C}$		308-0314-00			.175	CR
680.	1.	3.	1	.250	.687	$\pm 20 \text{ ppm}/^{\circ}\text{C}$		308-0553-00	Y	U	.230	CR
700.	5.	20.	2	.710	2.031	$\pm 175 \text{ ppm}/^{\circ}\text{C}$		308-0048-00				OB
700.	5.	10.	2	.450	1.781	$\pm 175 \text{ ppm}/^{\circ}\text{C}$		308-0094-00				OB
750.	5.	25.	2	.710	2.031	$\pm 175 \text{ ppm}/^{\circ}\text{C}$		308-0147-00				OB
750.	5.	20.	2	.710	2.031	$\pm 175 \text{ ppm}/^{\circ}\text{C}$		308-0030-00				OB
750.	5.	10.	2	.450	1.781	$\pm 175 \text{ ppm}/^{\circ}\text{C}$		308-0016-00				OB
750.	5.	5.	1	.375	1.124	$\pm 50 \text{ ppm}/^{\circ}\text{C}$	Safety Controlled	308-0067-00			.205	CR
750.	1.	5.	1	.375	1.124	$\pm 30 \text{ ppm}/^{\circ}\text{C}$	Non-inductive	308-0676-00	Y		.470	CR
750.	1.	3.	1	.218	.687	$\pm 30 \text{ ppm}/^{\circ}\text{C}$		308-0303-00				OB
750.	1.	3.	1	.250	.687	$\pm 20 \text{ ppm}/^{\circ}\text{C}$		308-0552-00	Y		.230	CR
750.	1.	.5	1	.109	.327	$\pm 20 \text{ ppm}/^{\circ}\text{C}$		308-0408-00				OB
800.	5.	25.	2	.775	2.031	$\pm 175 \text{ ppm}/^{\circ}\text{C}$		308-0155-00				OB
800.	5.	10.	2	.450	1.781	$\pm 175 \text{ ppm}/^{\circ}\text{C}$		308-0283-00				OB

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WIREWOUND (cont)

Resistance Ω	Tolerance ± %	Watts	Fig ^a	Maximum Body Dimensions		TC ^b	Other	Part Number	MI ^c	Codes ^d			
				A	B					ND	Cost	ST	
802.	.5	50.	6	1.000	3.500		Tek-made	308-0132-00	Y		.230	OB	
820.	5.	10.	2	.450	1.781	± 175 ppm/°C		308-0289-00				OB	
820.	1.	3.	1	.218	.687	± 20 ppm/°C		308-0867-00				CR	
833.	1.	10.	6	.438	.813	± 50 ppm/°C		308-0615-00				DL	
850.	5.	55.	6	1.000	3.563	± 150 ppm/°C	Multi-tapped	308-0100-00				OB	
850.	5.	5.	2	.500	1.031	± 175 ppm/°C		308-0187-00		4.310		OB	
850.	1.	50.	4	.645	1.999	± 20 ppm/°C	Non-inductive	308-0918-00				CR	
875.	5.	25.	8					308-0036-00				OB	
875.	5.	25.	2	.710	2.031	± 175 ppm/°C		308-0556-00				OB	
900.	1.	.5	3	.266	.782	± 7 ppm/°C	Bobbin Wound	308-0332-00				OB	
950.	1.	3.	1	.250	.686	± 30 ppm/°C		308-0707-00	Y		.305	CS	
970.	1.	.5	3	.266	.782	± 20 ppm/°C	Bobbin Wound	308-0322-00				.810	CS
980.	5.	.5	3	.140	.375		1.2 μH ± 10%, (Insul. Sleeve)	308-0448-00				OB	
1. k	5.	25.	8					308-0381-00				OB	
1. k	5.	25.	2	.710	2.031	± 175 ppm/°C		308-0037-00			.500	CS	
1. k	5.	25.	8	.719	2.875			308-0038-00	U			OB	
1. k	5.	10.	2	.450	1.781	± 175 ppm/°C		308-0089-00				.560	OT
1. k	5.	5.	2	.500	1.031	± 175 ppm/°C		308-0107-00				.280	CS
1. k	5.	5.	1	.375	1.124	± 30 ppm/°C	Taped & Reeled	308-0106-00				.245	CR
1. k	5.	3.	1	.250	.687	± 30 ppm/°C		308-0077-00				.210	CR
1. k	5.	.125	3	.112	.475	+ 3500 ppm/°C ± 350		308-0817-00			1.150	CR	
1. k	1.	8.	12	.850	1.750		Tek-made	310-0602-00				OB	
1. k	1.	6.	12	.850	1.350		Tek-made	310-0631-00				OB	
1. k	1.	5.	1	.375	1.124	± 30 ppm/°C		308-0072-00				OB	
1. k	1.	3.	1	.250	.687	± 30 ppm/°C		308-0507-00	Y		.235	CR	
1. k	1.	3.	1	.250	.687	± 10 ppm/°C	Non-inductive	308-0783-00				.750	CR
1. k	1.	3.	1	.250	.687	± 10 ppm/°C		308-0496-00	Y		.380	CR	
1. k	1.	2.	12	.350	.850		Tek-made	310-0532-00				OB	
1. k	.5	5.	1	.250	1.125	± 30 ppm/°C		308-0537-00			.382	CR	
1. k	.25	3.	1	.218	.687	± 10 ppm/°C		308-0435-00			.445	CS	
1. k	.1	3.	1	.218	.624	± 20 ppm/°C		308-0541-00				.850	CR
1. k	.01	1.	3	.396	1.032	± 5 ppm/°C	Bobbin Wound	308-0737-00				2.600	CS
1. k	.01	.125	3	.266	.782	± 5 ppm/°C	Bobbin Wound	308-0750-00			1.980	CR	
1.05 k	1.	11.	12				Tek-made	310-0629-00				OB	
1.1 k	5.	25.	2	.775	2.031	± 175 ppm/°C		308-0312-00				OB	
1.1 k	5.	8.	1	.406	1.437			308-0146-00				OB	
1.1 k	2.	4.	12	.725	1.100		Tek-made	310-0613-00				OB	
1.2 k	5.	10.	2	.450	1.781	± 175 ppm/°C		308-0086-00				OB	
1.2 k	5.	5.	2	.500	1.031	± 175 ppm/°C		308-0296-00				OB	
1.2 k	5.	5.	1	.375	1.124	± 175 ppm/°C		308-0063-00	Y		.230	OB	
1.2 k	1.	8.	12	.850	1.725		Tek-made	310-0630-00				OB	
1.2 k	1.	3.	1	.218	.687	± 30 ppm/°C		308-0406-00				CR	
1.2222 k	.01	.125	3	.266	.782	± 7 ppm/°C	Bobbin Wound	308-0324-00				OB	
1.25 k	5.	25.	2	.710	2.031	± 175 ppm/°C		308-0102-00				.490	CS
1.25 k	1.	11.	12	1.050	2.025		Tek-made	310-0530-00			6.950	OB	
1.25 k	1.	11.	13	.725	1.100		Tek-made	310-0594-00				OB	
1.25 k	1.	10.	12	1.125	2.125		Tek-made	310-0694-00				CS	
1.3 k	2.	10.	2	.450	1.781	± 50 ppm/°C		308-0305-00				OB	
1.32 k	5.	3.	1	.250	.687	± 30 ppm/°C		308-0253-00	Y		.195	CR	

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^c Machine insertable.

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WIREWOUND (cont)

Resistance Ω	Tolerance \pm %	Watts	Fig ^a	Maximum Body Dimensions		TC ^b	Other	Part Number	Mil ^c	Codes ^d		
				A	B					ND	Cost	ST
1.34 k	2.	10.	2	.562	1.062	± 50 ppm/ $^{\circ}$ C	Radial Leads	308-0781-00			1.200	CS
1.35 k	5.	25.	2	.710	2.031	± 175 ppm/ $^{\circ}$ C		308-0282-00				OB
1.37 k	1.	.5	3	.266	.782	± 20 ppm/ $^{\circ}$ C	Bobbin Wound	308-0254-00				OB
1.4 k	1.	3.	1	.218	.687	± 30 ppm/ $^{\circ}$ C		308-0527-00				OB
1.4 k	1.	1.	3	.225	.562		Tek-made, 1.4 μ H (Insulation Sleeve)	308-0358-00				OB
1.45 k	.1	.5	3	.266	.782	± 7 ppm/ $^{\circ}$ C	Bobbin Wound	308-0528-00			.780	CS
1.5 k	5.	25.	2	.775	2.062	± 50 ppm/ $^{\circ}$ C		308-0040-00	U		.680	CR
1.5 k	5.	10.	2	.450	1.781			308-0055-00				OB
1.5 k	5.	5.	1	.375	1.124	± 260 ppm/ $^{\circ}$ C		308-0061-00			.260	CS
1.5 k	5.	5.	2	.500	1.031	± 175 ppm/ $^{\circ}$ C		308-0002-00			.365	CR
1.5 k	5.	.5	3	.140	.375		18. μ H $\pm 10\%$ (Insul. Sleeve)	308-0449-00				OB
1.5 k	2.	10.	1	.469	1.842	± 20 ppm/ $^{\circ}$ C	Non-inductive	308-0809-00		U	.820	CR
1.5 k	1.	25.	4	.594	1.124			308-0824-00			.800	CS
1.5 k	1.	8.	12	.850	1.725		Tek-made	310-0596-00				OB
1.5 k	1.	3.	1	.250	.687	± 30 ppm/ $^{\circ}$ C		308-0304-00	Y		.240	CR
1.5 k	1.	2.	12	.350	.850		Tek-made	310-0548-00				OB
1.5 k	1.	2.	1	.391	1.000		Tek-made, 8. μ H	308-0318-00				OB
1.5 k	.1	3.	1	.218	.687	± 20 ppm/ $^{\circ}$ C		308-0540-00	Y		.760	CR
1.6 k	5.	25.	2	.710	2.031	± 175 ppm/ $^{\circ}$ C		308-0207-00				OB
1.6 k	5.	3.	1	.250	.687	± 30 ppm/ $^{\circ}$ C		308-0393-00	Y		.195	CR
1.6 k	1.	2.	12	.350	.850		Tek-made	310-0550-00				OB
1.6 k	1.	2.	12	.350	.850		Tek-made	310-0531-00				OB
1.75 k	1.	3.	1	.250	.687	± 30 ppm/ $^{\circ}$ C		308-0300-00			.240	CR
1.8 k	5.	25.	2	.710	2.031	± 175 ppm/ $^{\circ}$ C		308-0190-00				OB
1.8 k	5.	10.	2	.450	1.781	± 30 ppm/ $^{\circ}$ C		308-0442-00				OB
1.8 k	5.	3.	1	.218	.687	± 175 ppm/ $^{\circ}$ C		308-0281-00			.150	CS
1.8 k	3.	10.	1	.469	1.842	± 20 ppm/ $^{\circ}$ C	Non-inductive	308-0810-00			.820	CS
1.8 k	1.	2.	12	.350	.850		Tek-made	310-0533-00				OB
1.9 k	1.	5.5	12	.850	1.750		Tek-made	310-0703-00			7.010	CS
2. k	5.	25.	2	.710	2.031	± 175 ppm/ $^{\circ}$ C		308-0065-00			.620	CS
2. k	5.	20.	2	.710	2.031	± 175 ppm/ $^{\circ}$ C		308-0031-00			.490	CS
2. k	5.	10.	2	.450	1.812	± 30 ppm/ $^{\circ}$ C		308-0017-00		U	.350	CS
2. k	5.	5.	2	.500	1.031	± 175 ppm/ $^{\circ}$ C		308-0003-00				OB
2. k	5.	5.	1	.375	1.124	± 50 ppm/ $^{\circ}$ C		308-0091-00			.235	CS
2. k	5.	3.	1	.250	.687	± 30 ppm/ $^{\circ}$ C		308-0291-00			.280	CR
2. k	1.	11.	13	1.125	2.125		Tek-made	310-0626-00				OB
2. k	1.	3.	1	.218	.687	± 30 ppm/ $^{\circ}$ C		308-0508-00				OB
2. k	.1	3.	1	.250	.687	± 10 ppm/ $^{\circ}$ C		308-0436-00	Y		.995	CR
2.08 k	1.	3.	1	.250	.687	± 20 ppm/ $^{\circ}$ C		308-0759-00	Y		.190	CR
2.09 k	.2	4.	12	.725	1.100		Tek-made	310-0647-00				OB
2.15 k	5.	5.	1	.250	1.124	± 30 ppm/ $^{\circ}$ C		308-0288-00				CR
2.2 k	5.	3.	1	.250	.687	± 30 ppm/ $^{\circ}$ C		308-0292-00			.192	CR
2.25 k	5.	20.	2	.710	2.031	± 175 ppm/ $^{\circ}$ C		308-0064-00			.390	CS
2.25 k	5.	10.	2	.450	1.781	± 175 ppm/ $^{\circ}$ C		308-0059-00			.320	CS
2.25 k	.5	3.	1	.250	.687	± 30 ppm/ $^{\circ}$ C		308-0539-00			.305	CR
2.3 k	5.	5.	2	.500	1.031	± 175 ppm/ $^{\circ}$ C		308-0115-00			.280	CS
2.35 k	5.	65.	6	1.188	4.812	± 30 ppm/ $^{\circ}$ C	Tapped at 510 Ω	308-0535-00			2.370	CR
2.37 k	1.	3.	1	.250	.687	± 30 ppm/ $^{\circ}$ C		308-0526-00	Y		.245	CR
2.4 k	5.	25.	2	.775	2.031	± 175 ppm/ $^{\circ}$ C		308-0041-00		U	.490	CS

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WIREWOUND (cont)

Resistance Ω	Tolerance ± %	Watts	Fig ^a	Maximum Body Dimensions		TC ^b	Other	Part Number	MI ^c	Codes ^d		
				A	B					ND	Cost	ST
2.4 k 2.4 k 2.4 k 2.4 k 2.448 k	5. 1. 1. 1. .01	20. 7. 4. .5 .2	2 1 1 1 3	.710 .344 .281 .094 .202	2.031 1.375 .765 .343 .282	± 175 ppm/°C ± 30 ppm/°C ± 20 ppm/°C ± 20 ppm/°C ± 5 ppm/°C	Non-inductive	308-0068-00 308-0835-00 308-0797-00 308-0462-00 308-0906-00	Y		.640 .575 .320 3.140	OB CS CS CR CR
2.45 k 2.5 k 2.5 k 2.5 k 2.5 k	1. 5. 5. 5. 1.	.5 10. 5. 5. 10.	3 2 2 1 1	.141 .450 .500 .375 .419	.385 1.812 1.031 1.124 1.875	± 30 ppm/°C ± 175 ppm/°C ± 30 ppm/°C ± 20 ppm/°C	Tek-made	308-0224-00 308-0018-00 308-0120-00 308-0127-00 308-0632-00	U		.525 .305 .690	OB CR CS OT OB
2.5 k 2.5 k 2.525 k 2.55 k 2.7 k	1. 1. .5 1. 5.	8. 5. 3. .125 10.	12 1 12 5 2	.850 .343 .725 .281 .450	1.750 .938 1.100 .350 1.781	± 30 ppm/°C ± 10 ppm/°C ± 175 ppm/°C	Tek-made Tek-made Bobbin Wound	310-0522-00 308-0103-00 310-0696-00 308-0346-00 308-0019-00	U		.503 8.320	OB CS CS OB OB
2.7 k 2.7 k	5. 1.	3. 3.	1 1	.250 .250	.687 .687	± 30 ppm/°C + 290 ppm/°C ± 30 ppm/°C		308-0230-00 308-0647-00			.219 1.400	CR CS
2.7525 k 2.9 k	.5 1.	25. 3.	6 1	1.250 .218	3.750 .687	± 30 ppm/°C	Tapped at 227.5 Ω, Tek-made	308-0511-00 308-0367-00				DL CS
2.94 k 3. k 3. k 3. k 3. k	1. 5. 5. 5. 5.	2.5 25. 10. 10. 8.	1 2 2 1 2	.218 .710 .450 .469 .469	.687 2.031 1.781 1.875 1.031	± 10 ppm/°C ± 175 ppm/°C ± 175 ppm/°C ± 175 ppm/°C ± 175 ppm/°C		308-0498-00 308-0042-00 308-0020-00 308-0121-00 308-0113-00	Y		.400	CR OB OB OB CS
3. k 3. k 3. k 3. k 3. k	5. 5. 5. 5. 1.	8. 5. 5. 3. 10.	1 2 1 1 12	.343 .500 .375 .250 1.062	1.282 1.031 1.124 .687 2.406	± 30 ppm/°C ± 175 ppm/°C ± 50 ppm/°C ± 175 ppm/°C		308-0363-00 308-0082-00 308-0062-00 308-0421-00 310-0674-00	N		.560 .225 .205	CR OB CS CS OB
3. k 3. k 3. k 3.01 k 3.1 k	1. 1. 1. .01 1.	10. 8. 2. .2 .5	2 12 12 3 3	.450 .850 .350 .202 .266	1.781 1.750 .850 .282 .782	± 30 ppm/°C ± 5 ppm/°C ± 20 ppm/°C		308-0073-00 310-0621-01 310-0539-00 308-0889-00 308-0316-00			.540	CS OB OB DL CS
3.1 k 3.26 k 3.32 k 3.4 k 3.5 k	.1 2. 1. 1. 5.	.125 3. 3. 3. 20.	5 1 1 1 2	.290 .218 .250 .250 .710	.350 .687 .687 .687 2.031	± 7 ppm/°C ± 50 ppm/°C ± 30 ppm/°C ± 30 ppm/°C ± 175 ppm/°C	Bobbin Wound Taped & Reeled	308-0347-00 308-0306-00 308-0348-00 308-0366-00 308-0032-00	Y		2.010 .305 .275 .650	CR OB CR CR CS
3.5 k 3.5 k 3.5 k 3.5 k 3.5 k	5. 5. 3. 1. 1.	5. 5. 3. 11. 8.	2 1 1 13 12	.500 .375 .218 1.125 .850	1.031 1.124 .687 2.125 1.750	± 175 ppm/°C ± 175 ppm/°C ± 50 ppm/°C	Tek-made	308-0080-00 308-0172-00 308-0333-00 310-0584-00 310-0625-00			.365	CR OB OB OB OB
3.6 k 3.65 k 3.8 k 3.88 k 4. k	1. 1. 5. 1. 5.	3. .5 25. 3. 20.	1 3 2 1 2	.250 .266 .710 .250 .710	.687 .782 2.031 .687 2.031	± 30 ppm/°C ± 20 ppm/°C ± 175 ppm/°C ± 30 ppm/°C	Bobbin Wound Center Tap	308-0349-00 308-0255-00 308-0044-00 308-0350-00 308-0176-00			.251	CR OB OB CS OB

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WIREWOUND (cont)

Resistance Ω	Tolerance $\pm \%$	Watts	Fig ^a	Maximum Body Dimensions		TC ^b	Other	Part Number	MI ^c	Codes ^d		
				A	B					ND	Cost	ST
4. k	5.	8.						308-0380-00				NP
4. k	5.	7.	1	.343	1.285	± 30 ppm/ $^{\circ}$ C		308-0228-00			.410	CS
4. k	5.	5.	1	.375	1.124	± 30 ppm/ $^{\circ}$ C		308-0051-00			.260	CR
4. k	5.	5.	2	.500	1.031	± 175 ppm/ $^{\circ}$ C		308-0229-00			.350	CR
4. k	5.	3.	1	.687	.350	± 30 ppm/ $^{\circ}$ C		308-0341-00				OB
4. k	5.	3.	1	.218	.687	± 175 ppm/ $^{\circ}$ C		308-0293-00			.230	CR
4. k	2.	3.	1	.218	.687	± 50 ppm/ $^{\circ}$ C		308-0329-00			.450	CS
4. k	.5	10.	2	.450	1.781	± 30 ppm/ $^{\circ}$ C		308-0409-00				OB
4. k	.1	3.	1	.218	.687	± 10 ppm/ $^{\circ}$ C		308-0437-00			1.080	CS
4. k	.01	.125	5	.281	.350	± 2 ppm/ $^{\circ}$ C	Bobbin Wound	308-0658-00			6.120	CR
4.2 k	3.	25.	4	.594	1.124			308-0340-00				OB
4.5 k	5.	20.	2	.710	2.031	± 175 ppm/ $^{\circ}$ C		308-0033-00				OB
4.5 k	5.	10.	2	.450	1.781	± 175 ppm/ $^{\circ}$ C		308-0021-00				OB
4.5 k	5.	5.	2	.500	1.031	± 175 ppm/ $^{\circ}$ C		308-0066-00			.230	CS
4.5 k	5.	5.	1	.375	1.124	± 175 ppm/ $^{\circ}$ C		308-0092-00			.250	CS
4.5 k	2.	4.	12	.725	1.100		Tek-made	310-0593-00				OB
4.5 k	1.	3.	1	.250	.687	± 30 ppm/ $^{\circ}$ C		308-0319-00	Y		.275	CR
4.5 k	.1	3.	1	.250	.687	± 10 ppm/ $^{\circ}$ C		308-0495-00	Y		.995	CR
4.51 k	1.	1.	3	.396	1.032	± 10 ppm/ $^{\circ}$ C	Bobbin Wound	308-0530-00			.900	CS
4.7 k	1.	4.	12	.725	1.110		Tek-made	310-0509-00		N		OB
4.8 k	5.	3.	1	.218	.687	± 175 ppm/ $^{\circ}$ C		308-0390-00				OB
4.87 k	1.	3.	1	.250	.687	± 30 ppm/ $^{\circ}$ C		308-0351-00				OB
5. k	5.	20.	2	.710	2.031	± 175 ppm/ $^{\circ}$ C		308-0192-00				OB
5. k	5.	8.	1	.406	1.500			308-0234-00				OB
5. k	5.	5.	1	.375	1.124	± 30 ppm/ $^{\circ}$ C		308-0135-00			.240	CR
5. k	5.	5.	1	.250	1.124	± 30 ppm/ $^{\circ}$ C		308-0266-00				OB
5. k	1.	3.	1	.250	.687	± 30 ppm/ $^{\circ}$ C		308-0307-00	Y		.275	CR
5. k	.25	3.	1	.250	.687	± 10 ppm/ $^{\circ}$ C		308-0586-00			.430	CR
5. k	.01	.2	3	.202	.282	± 5 ppm/ $^{\circ}$ C		308-0890-00			2.220	CR
5.11 k	1.	.5	3	.266	.782	± 20 ppm/ $^{\circ}$ C	Bobbin Wound	308-0257-00				OB
5.2 k	5.	25.						308-0285-00				OB
5.45 k	1.	1.5	1	.218	.687	± 95 ppm/ $^{\circ}$ C		308-0501-00			1.530	CS
5.5 k	5.	5.	2	.500	1.031	± 175 ppm/ $^{\circ}$ C		308-0217-00			.310	CS
5.5 k	5.	5.	1	.375	1.124	± 30 ppm/ $^{\circ}$ C		308-0101-00			.240	CS
5.5 k	3.	7.	1	.375	1.312	± 20 ppm/ $^{\circ}$ C		308-0708-00	Y		.353	CR
5.76 k	.1	.1	3			± 10 ppm/ $^{\circ}$ C	Bobbin Wound	308-0646-00	Y			OB
5.83 k	.5	3.	1	.250	.687	± 10 ppm/ $^{\circ}$ C		308-0439-00			.352	CS
6. k	5.	20.	2	.710	2.062	± 30 ppm/ $^{\circ}$ C		308-0034-00			.670	CR
6. k	5.	10.	2	.450	1.781	± 175 ppm/ $^{\circ}$ C		308-0124-00				OB
6. k	5.	8.	1	.406	1.500	± 175 ppm/ $^{\circ}$ C		308-0111-00				OB
6. k	5.	8.	1	.406	1.500	± 175 ppm/ $^{\circ}$ C		308-0111-01				DL
6. k	5.	5.	2	.500	1.031	± 175 ppm/ $^{\circ}$ C		308-0006-00			.305	CS
6. k	5.	5.	1	.375	1.124	± 175 ppm/ $^{\circ}$ C		308-0052-00			.206	CS
6. k	5.	3.	1	.218	.687	± 175 ppm/ $^{\circ}$ C		308-0258-00			.230	CS
6. k	1.	5.	1	.375	1.124	± 10 ppm/ $^{\circ}$ C		308-0410-00				OB
6. k	1.	5.	2	.500	1.031	± 30 ppm/ $^{\circ}$ C		308-0216-00				OB
6. k	1.	5.	1	.375	1.124	± 30 ppm/ $^{\circ}$ C		308-0112-00			.290	CS
6. k	1.	4.	12	.725	1.110			310-0579-00				OB
6. k	.02	.25	3	.266	.782	± 20 ppm/ $^{\circ}$ C	Bobbin Wound	308-0636-00			1.740	CR

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WIREWOUND (cont)

Resistance Ω	Tolerance $\pm \%$	Watts	Fig ^a	Maximum Body Dimensions		TC ^b	Other	Part Number	MI ^c	Codes ^d		
				A	B					ND	Cost	ST
6.2 k	3.	7.	1	.375	1.312	± 20 ppm/ $^{\circ}$ C		308-0668-00			.355	CR
6.3 k	1.	3.	1	.218	.687	± 30 ppm/ $^{\circ}$ C		308-0549-00			.275	CR
6.5 k	5.	10.	2	.450	1.781	± 175 ppm/ $^{\circ}$ C		308-0235-00			.340	CS
6.5 k	2.	5.	1	.250	1.124	± 30 ppm/ $^{\circ}$ C		308-0273-00		N	.420	OT
6.7 k	1.	3.	1	.218	.687	± 10 ppm/ $^{\circ}$ C		308-0411-00				OB
7. k	5.	7.	1	.343	1.375	± 30 ppm/ $^{\circ}$ C		308-0335-00				OB
7. k	5.	5.	1	.282	1.124	± 30 ppm/ $^{\circ}$ C	Safety Controlled	308-0336-00			.265	CR
7. k	3.	3.	1	.250	.687	± 50 ppm/ $^{\circ}$ C		308-0334-00	Y		.230	CS
7. k	1.	.5	3	.266	.782	± 20 ppm/ $^{\circ}$ C	Bobbin Wound	308-0185-00				OB
7.2 k	5.	3.	1	.218	.687	± 175 ppm/ $^{\circ}$ C		308-0391-00			.267	CR
7.5 k	5.	10.	2	.450	1.781	± 175 ppm/ $^{\circ}$ C		308-0022-00				OB
7.5 k	5.	5.	2	.500	1.031	± 175 ppm/ $^{\circ}$ C		308-0267-00				OB
7.5 k	5.	5.	1	.375	1.124	± 30 ppm/ $^{\circ}$ C		308-0206-00			.318	CS
7.8 k	1.	4.	12	.725	1.100		Tek-made	310-0618-00				OB
8. k	5.	5.	2	.500	1.031	± 175 ppm/ $^{\circ}$ C		308-0007-00				OB
8. k	5.	5.	1	.375	1.124	± 175 ppm/ $^{\circ}$ C		308-0053-00			.185	CS
8. k	5.	5.	1	.250	1.124	± 175 ppm/ $^{\circ}$ C		308-0294-00	Y			OB
8. k	3.	7.	1	.375	1.312	± 20 ppm/ $^{\circ}$ C		308-0709-00	Y		.360	CS
8. k	.01	.125	5	.281	.350	± 2 ppm/ $^{\circ}$ C	Bobbin Wound	308-0659-00			2.160	CR
8.0115 k	.05	.125	5	.281	.344	± 10 ppm/ $^{\circ}$ C		308-0699-00			1.600	CS
8.15 k	1.	3.	1	.250	.687	± 30 ppm/ $^{\circ}$ C		308-0492-00			.215	CS
8.2 k	5.	5.	1	.375	1.124	± 30 ppm/ $^{\circ}$ C		308-0237-00			.250	CR
8.2 k	5.	3.	1	.250	.687	± 30 ppm/ $^{\circ}$ C		308-0286-00			.253	CR
8.2 k	1.	3.	1	.250	.687	± 20 ppm/ $^{\circ}$ C		308-0412-00	Y		.430	CR
8.25 k	1.	3.	1	.250	.687	± 30 ppm/ $^{\circ}$ C		308-0543-00	Y		.285	CR
8.32 k	1.	.5	3	.266	.782	± 20 ppm/ $^{\circ}$ C	Bobbin Wound	308-0325-00			.850	CS
8.5 k	1.	4.	12	.725	1.100		Tek-made	310-0669-00				OB
8.5 k	1.	3.	1	.218	.687	± 30 ppm/ $^{\circ}$ C		308-0403-00			.345	CS
8.8 k	1.	10.	6	1.188	2.031		Tek-made, One Mtg Tab Modified	310-0615-00				OB
8.8 k	1.	10.	6	1.188	2.000		Tek-made, One Mtg Tab Modified	310-0607-00				OB
9. k	1.	8.	1	.406	1.500	± 30 ppm/ $^{\circ}$ C		308-0578-00			.380	CS
9. k	.01	.125	3	.266	.782	± 5 ppm/ $^{\circ}$ C	Bobbin Wound	308-0747-00			1.980	CR
9.5 k	1.	4.	12	.725	1.100		Tek-made	310-0688-00				OB
9.65 k	1.	3.	1	.218	.687			308-0364-00				OB
9.9 k	.01	.125	3	.266	.782	± 7 ppm/ $^{\circ}$ C	Bobbin Wound	308-0326-00			1.920	CR
10. k	5.	10.	2	.450	1.781	± 175 ppm/ $^{\circ}$ C		308-0023-00				OB
10. k	5.	8.	2	.500	1.531	± 175 ppm/ $^{\circ}$ C		308-0126-00				OB
10. k	5.	5.	2	.500	1.031	± 175 ppm/ $^{\circ}$ C		308-0008-00			.335	CS
10. k	5.	5.	1	.375	1.124	± 30 ppm/ $^{\circ}$ C		308-0054-00			.340	CR
10. k	5.	3.	1	.250	.687	± 30 ppm/ $^{\circ}$ C		308-0212-00			.245	CR
10. k	1.	8.	12				Tek-made	310-0633-00				OB
10. k	1.	4.	12	.725	1.100		Tek-made	310-0689-00				OB
10. k	1.	3.	1	.250	.687	± 30 ppm/ $^{\circ}$ C		308-0301-00	Y		.285	CR
10. k	1.	.5	3	.266	.782	± 20 ppm/ $^{\circ}$ C		308-0226-00				OB
10. k	.5	5.	1	.250	1.125	± 30 ppm/ $^{\circ}$ C	Taped & Reeled	308-0538-00	Y		.423	CR
10. k	.01	.5	3	.266	.782	± 5 ppm/ $^{\circ}$ C	Bobbin Wound	308-0738-00			2.180	CR
10.35 k	1.	3.	1	.218	.687	± 30 ppm/ $^{\circ}$ C		308-0359-00				OB
10.35 k	.5	3.	1	.250	.687	± 30 ppm/ $^{\circ}$ C		308-0359-01		U	.275	CR

^a For Figures referenced above, see tab marked WIREWOUND ILLUSTRATIONS in the back of this catalog.^b Refer to the Resistor & Capacitor Section of the Supplement Catalog (#7), under Temperature Characteristics Code for more information on TC (Temperature Coefficient.)^c Machine Insertable.^d The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

WIREWOUND (cont)

Resistance Ω	Tolerance ± %	Watts	Fig ^a	Maximum Body Dimensions		TC ^b	Other	Part Number	MI ^c	Codes ^d					
				A	B					ND	Cost	ST			
10.7 k	1.	1.	3	.396	1.032	± 20 ppm/°C	Bobbin Wound	308-0259-00	U		1.840	OB			
11. k	5.	65.	6	1.188	4.812	± 30 ppm/°C		308-0536-00				CR			
12. k	5.	8.	2	.500	1.531	± 175 ppm/°C		308-0069-00				OB			
12. k	5.	8.	1	.406	1.500	± 175 ppm/°C		308-0093-00				OB			
12. k	5.	5.	1	.250	1.124	± 30 ppm/°C		308-0211-00				CS			
12. k	5.	5.	2	.500	1.031	± 175 ppm/°C	Tek-made	308-0383-00	Y		.230	OB			
12. k	3.	3.	1	.250	.687	± 20 ppm/°C		308-0407-00				CM			
12. k	2.	1.	11	.225	.562			308-0222-00				OB			
12. k	1.	8.	1	.406	1.438	± 30 ppm/°C		308-0571-00				OB			
12. k	1.	5.	1	.250	1.124	± 30 ppm/°C		308-0310-00				OB			
12. k	.01	.2	3	.202	.282	± 5 ppm/°C	Tek-made	308-0903-00	Y		2.660	CR			
12.4 k	1.	4.	12	.725	1.100			310-0668-00				OB			
12.5 k	1.	4.	1	.282	.765	± 20 ppm/°C		308-0566-00				Y		.370	CR
12.5 k	.5	3.	1	.250	.687	± 10 ppm/°C		308-0397-00							CR
13.3 k	1.	3.	1	.218	.687	± 30 ppm/°C	Taped & Reeled	308-0360-00				Y		.345	CR
13.3 k	1.	1.	3	.396	1.032	± 20 ppm/°C	Bobbin Wound	308-0260-00			.285	OB			
13.3 k	.5	2.	1	.218	.687	± 30 ppm/°C		308-0398-00				CS			
13.325 k	.01	.2	3	.202	.282	± 5 ppm/°C		308-0896-00				Tek-made		2.570	CR
13.5 k	1.	4.	12	.725	1.100			310-0619-00							OB
14.5 k	1.	5.	1	.375	1.124	± 30 ppm/°C		308-0515-00							CS
14.5 k	1.	4.	1	.234	1.124	± 30 ppm/°C		308-0490-00				OB			
14.5 k	1.	3.	1	.218	.687	± 30 ppm/°C		308-0361-00				OB			
15. k	5.	10.	2	.450	1.781	± 175 ppm/°C		308-0024-00				OB			
15. k	5.	8.	1	.406	1.500	± 30 ppm/°C		308-0178-00				.450	CS		
15. k	5.	5.	2	.500	1.031	± 175 ppm/°C		308-0262-00					OB		
15. k	5.	5.	1	.375	1.124	± 30 ppm/°C		308-0108-00			.255	CS			
15. k	3.	10.	4	.500	.812			308-0339-00				OB			
15. k	1.	4.	1	.282	.765	± 20 ppm/°C		308-0565-00				.370	CR		
15. k	1.	3.	1	.218	.687	± 30 ppm/°C		308-0354-00					OB		
15. k	1.	1.	3	.396	1.032	± 20 ppm/°C	Bobbin Wound	308-0261-00					OB		
15.4 k	1.	.5	3	.266	.782	± 20 ppm/°C	Bobbin Wound	308-0263-00			.325	OB			
15.6 k	1.	3.	1	.218	.687	± 30 ppm/°C		308-0320-00				CR			
16. k	1.	4.	1	.282	.765	± 20 ppm/°C		308-0461-00				.365	OT		
16. k	1.	3.	1	.218	.687	± 10 ppm/°C		308-0413-00				.760	CS		
16. k	.02	.25	5	.281	.344	± 4 ppm/°C	Bobbin Wound	308-0660-00				2.140	CR		
16.046 k	.1	.125	5	.281	.344	± 10 ppm/°C		308-0698-00			1.730	CS			
16.2 k	1.	3.	1	.218	.687	± 10 ppm/°C		308-0414-00				OB			
17.41 k	.2	4.	12	.725	1.100		Tek-made	310-0648-00				OB			
17.5 k	5.	10.	2	.450	1.781	± 175 ppm/°C		308-0287-00				OB			
18. k	5.	5.	1	.250	1.124	± 30 ppm/°C		308-0400-00				OB			
18. k	1.	8.	12	1.300	1.050		Tek-made	310-0590-01			.410	OB			
20. k	5.	10.	2	.450	1.781	± 175 ppm/°C		308-0025-00				OB			
20. k	5.	8.	2	.500	1.531	± 175 ppm/°C		308-0011-00				OB			
20. k	5.	8.	1	.406	1.500	± 175 ppm/°C		308-0081-00				DL			
20. k	5.	5.	1	.250	1.124	± 175 ppm/°C		308-0272-00				CR			
20. k	5.	4.	1	.234	1.124	± 30 ppm/°C	Tek-made	308-0486-00				OB			
20. k	1.	8.	12	.850	1.750			310-0510-00				OB			
20. k	1.	5.	1	.250	1.124	± 30 ppm/°C		308-0302-00				.215	CS		
20. k	1.	4.	1	.282	.765	± 20 ppm/°C		308-0564-00				.370	CR		
20. k	1.	3.	1	.250	.687	± 30 ppm/°C		308-0313-00				.610	CR		

^a For Figures referenced above, see tab marked WIREWOUND ILLUSTRATIONS in the back of this catalog.

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^c Machine Insertable.

^d The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

WIREWOUND (cont)

Resistance Ω	Tolerance ± %	Watts	Fig ^a	Maximum Body Dimensions		TC ^b	Other	Part Number	MI ^c	Codes ^d			
				A	B					ND	Cost	ST	
20. k	1.	2.5	1	.250	.593	± 30 ppm/°C	Bobbin Wound Bobbin Wound	308-0428-00	Y	1.080	.741	OB	
20. k	.01	.05	3	.141	.334	± 10 ppm/°C		308-0645-00				CR	
21.5 k	1.	1.	3	.396	1.032	± 5 ppm/°C		308-0264-00				OB	
22. k	5.	25.	2	.775	2.062	± 30 ppm/°C		308-0743-00				CR	
22. k	1.	5.	1	.218	1.000			308-0268-00				OB	
22. k	1.	5.	1	.375	1.124	± 30 ppm/°C		308-0241-00	Y	.400	.360	CS	
22. k	1.	3.	1	.218	.687	± 30 ppm/°C		308-0429-00				CS	
22.5 k	.25	5.	1	.375	1.124	± 30 ppm/°C		308-0544-00				.482	CR
22.5 k	.01	.5	3	.265	.782	± 5 ppm/°C		308-0894-00				3.380	CR
24. k	5.	5.	1	.234	1.124	± 175 ppm/°C		308-0311-00					OB
24.4 k	1.	5.	1	.250	1.125	± 20 ppm/°C	Bobbin Wound	308-0321-00		.510	.640	OB	
24.625 k	.1	.25	3	.266	.782	± 20 ppm/°C		308-0563-00				OB	
25. k	5.	25.	2	.710	2.031	± 175 ppm/°C		308-0043-00				CS	
25. k	5.	10.	2	.450	1.812	± 30 ppm/°C		308-0154-00				CR	
25. k	5.	10.	1	.407	1.875	± 175 ppm/°C		308-0026-00				OB	
25. k	5.	7.	1	.344	1.219	± 30 ppm/°C	Tek-made Bobbin Wound	308-0213-00		8.220	2.620	CR	
25. k	1.	8.	12	.850	1.750			310-0503-00				OB	
25. k	.05	.25	3	.266	.407	± 10 ppm/°C		308-0472-00				CR	
28.563 k	.01	.2	3	.202	.282	± 5 ppm/°C		308-0897-00				CR	
30. k	5.	10.	2	.450	1.781	± 175 ppm/°C		308-0027-00				OB	
30. k	5.	8.	1	.406	1.500	± 175 ppm/°C	Tek-made Tek-made	308-0105-00		5.560	.360	CS	
30. k	1.	8.	12	.850	1.750			310-0601-00				OB	
30. k	1.	4.	12	.725	1.100			310-0632-00				CS	
30. k	1.	4.	1	.282	.765	± 20 ppm/°C		308-0432-00				CR	
30.1 k	.1	.2	3	.266	.374	± 10 ppm/°C		308-0920-00				2.110	CR
32. k	.04	.125	5	.281	.350	± 8 ppm/°C	Bobbin Wound	308-0661-00		1.960	1.520	CR	
32.14 k	.1	.125	5	.281	.344	± 10 ppm/°C		308-0697-00				CS	
35. k	5.	8.	1	.406	1.500	± 175 ppm/°C		308-0191-00				.410	CS
40. k	5.	8.	1	.406	1.500	± 175 ppm/°C		308-0168-00					OB
40. k	5.	5.	3	.500	1.375			308-0010-00		.290		CS	
40. k	1.	8.	1	.406	1.500	± 30 ppm/°C	Bobbin Wound Tek-made Bobbin Wound Tek-made	308-0168-01		1.000		OB	
40. k	1.	.5	3	.266	.782	± 10 ppm/°C		308-0085-00				OB	
41.5 k	.5	8.	12	.850	1.725			310-0614-00				OB	
41.6 k	1.	.5	3	.266	.782	± 20 ppm/°C		308-0327-00				CS	
43. k	1.	4.	12	.725	1.100			310-0589-00				OB	
45. k	.01	.125	3	.270	.785	± 5 ppm/°C	Tek-made Bobbin Wound Bobbin Wound	308-0806-00		2.500	1.180	CR	
45.45 k	.25	10.	1	.469	1.875	± 20 ppm/°C		308-0718-00				CS	
47. k	1.	8.	12					310-0634-00				13.880	CS
50. k	.1	.25	3	.266	.407	± 10 ppm/°C		308-0475-00				8.310	CR
54. k	.1	.25	3	.266	.782	± 20 ppm/°C		308-0308-00		1.100		CS	
55.4 k	1.	.5	3	.266	.782	± 20 ppm/°C	Bobbin Wound	308-0328-00		.970		CS	
56. k	5.	7.	1	.375	1.312	± 20 ppm/°C		308-0464-00		.410		CS	
64. k	.08	.125	5	.281	.350	± 16 ppm/°C	Bobbin Wound	308-0662-00		1.920		CR	
66.658 k	.01	.2	3	.202	.282	± 5 ppm/°C		308-0898-00		3.010		CR	
80. k	1.	1.	3	.396	1.032	± 20 ppm/°C	Bobbin Wound	308-0186-01				OB	
80. k	1.	.5	3	.396	1.032		Bobbin Wound	308-0186-00				OB	
90. k	.01	.125	3	.266	.782	± 5 ppm/°C	Bobbin Wound	308-0749-00		2.640		CR	
98.8 k	.1	.25	3	.266	.782	± 20 ppm/°C		308-0562-00				OB	
100. k	1.	.5	15					308-0117-00		1.120		CS	
100. k	.05	.25	3	.266	.407	± 7 ppm/°C	Bobbin Wound	308-0505-00		6.110		CR	

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^c Machine insertable.

^d The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

WIREWOUND (cont)

Resistance Ω	Tolerance \pm %	Watts	Fig ^a	Maximum Body Dimensions		TC ^b	Other	Part Number	MI ^c	Codes ^d		
				A	B					ND	Cost	ST
120. k	.01	.2	3	.202	.282	± 5 ppm/ $^{\circ}$ C	Bobbin Wound	308-0904-00			3.110	CR
128. k	.16	.125	5	.281	.350	± 16 ppm/ $^{\circ}$ C		308-0663-00				OB
135. k	.01	.5	3	.265	.782	± 5 ppm/ $^{\circ}$ C		308-0886-00			4.410	CR
180. k	.01	.5	3	.265	.782	± 5 ppm/ $^{\circ}$ C		308-0887-00			4.460	CR
200. k	1.	1.	10				Bobbin Wound	308-0118-00			1.120	CS
200. k	.1	.25	3	.266	.407	± 10 ppm/ $^{\circ}$ C	Bobbin Wound	308-0506-00			2.290	CR
200. k	.01	.5	3	.265	.782	± 5 ppm/ $^{\circ}$ C		308-0895-00			4.460	CR
216. k	.25	.25	3	.266	.782	± 20 ppm/ $^{\circ}$ C	Bobbin Wound	308-0309-00			1.260	CS
1. M	.01	.6	3	.391	.782	± 5 ppm/ $^{\circ}$ C	Bobbin Wound	308-0748-00			23.440	PP
1.2 M	.01	.5	3	.390	.532	± 5 ppm/ $^{\circ}$ C		308-0905-00			12.740	CR

^a For Figures referenced above, see tab marked WIREWOUND ILLUSTRATIONS in the back of this catalog.

^b Refer to the Resistor & Capacitor Section of the Supplement Catalog (#7), under Temperature Characteristics Code for more information on TC (Temperature Coefficient.)

^c Machine insertable.

^d The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

MOUNTING HARDWARE

Size	Washer	Screw	Spacer, Post
5 W (1.000 Long)	210-0601-00 (Eyelet)	211-0514-00 (Pan Head)	210-0478-00
8 W (1.000 Long)	210-0886-00 (Shoulder)	211-0516-00 (Pan Head)	210-0478-00
8 W (1.500 Long)	210-0601-00 (Eyelet)	211-0529-00 (Pan Head)	210-0478-00
10 W (1.000 Long)	210-0886-00 (Shoulder)	211-0516-00 (Pan Head)	210-0478-00
10 W (1.750 Long)	210-0601-00 (Eyelet)	211-0553-00 (Pan Head)	210-0478-00
20 W (2.000 Long)	210-0808-00 (Recessed)	212-0037-00 (Fillister Head)	210-0462-00
25 W (2.000 Long)	210-0808-00 (Recessed)	212-0037-00 (Fillister Head)	210-0462-00
For illustrations and additional information on the above parts, see your Mechanical Catalog 2.			

SECTION 4

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In the Resistor & Capacitor Section of the Supplement Catalog 7, you will find the following information:

- Resistors, Fixed - Application Notes
 - Precision Resistors Performance
 - Resistor Voltage Ratings
 - Resistor Design Tolerance
 - Color Band Information
 - Temperature Characteristic Code
 - Standard Resistance Values
 - Rating/Stability Nomograph
 - Nomograph Used to Determine Resistor's Stability
 - Thermistors Provide Design Alternatives
 - Effects of Moisture on Resistors

CATALOG WRITER: CAROLE JACK, 629-3029

THERMISTORS

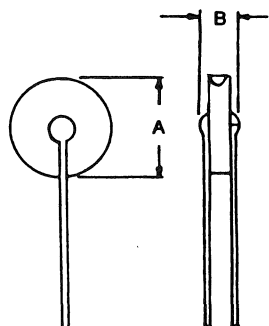


FIGURE 1

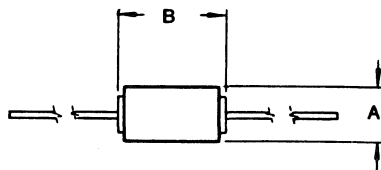


FIGURE 2

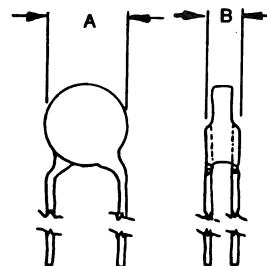


FIGURE 3

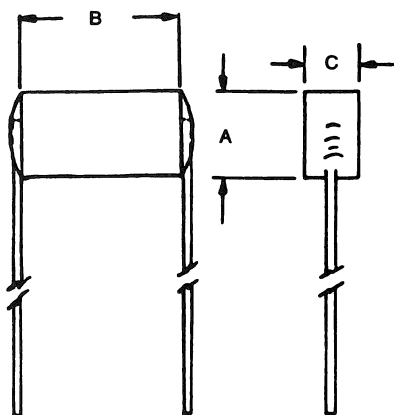


FIGURE 4

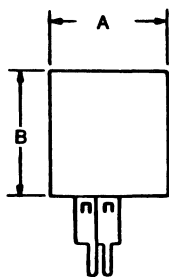


FIGURE 5

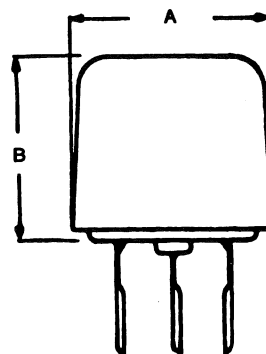


FIGURE 6

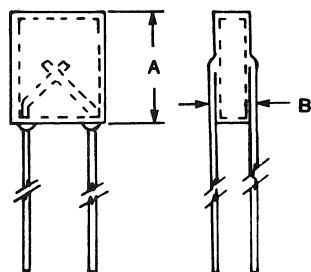


FIGURE 7

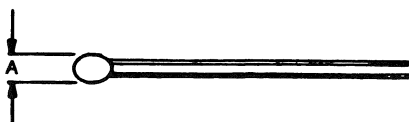


FIGURE 8

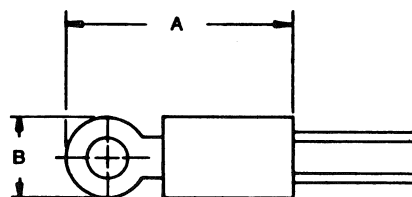


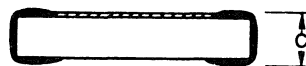
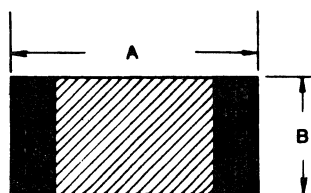
FIGURE 9

THERMISTORS (cont)

Resistance Ω	Tol \pm % @ 25°C	Other	Type	Maximum Dimensions			Fig	Part Number	Codes ^a		
				A	B	C			ND	Cost	ST
.05 - 5. k		2 - 4 Amp		.380	.110		3	307-1390-00		1.380	PP
2.5	10.	15 Amp	NTC	.900	.300		3	307-0450-00		.570	CR
5.	10.	6 Amp	NTC	.630	.250		1	307-0157-00		.630	CR
5.	10.	7 Amp, Safety Controlled	NTC	.600	.250		3	307-0746-00		.480	CR
5.	10.	Opposite Leads, 6 Amp	NTC	.575	.250		1	307-0353-00	A	.850	CR
7.5	10.	Opposite Leads, 5 Amp, Safety Controlled	NTC	.825	.230		1	307-0350-00	A	1.390	CR
8.	20.	80°C Switch Temp, Safety Controlled	PTC	.610	.157		3	307-0948-00		.840	OT
8.	30.	50°C Switch Temp, Safety Controlled	PTC	.669	.673		5	307-0949-00		.850	OT
10.	10.		NTC	.500	.250		3	307-0863-00		.430	CR
10.	30.	50°C Switch Temperature	PTC	.625	.275		3	307-0768-00	U	1.030	CS
15.	10.		NTC	.825	.180		3	307-0833-00			DL
20.	30.	50°C Switch Temp, Safety Controlled	PTC	.600	.275		3	307-0361-00		.370	CR
35.	20.		PTC	.790	.275		3	307-0825-00		1.680	CR
35.	20.	70°C Switch Temp, Safety Controlled	PTC	.610	.157		3	307-0951-00		3.340	OT
36.	30.	50°C Switch Temp, Safety Controlled	PTC	.669	.673		5	307-0950-00		.850	OT
40.	30.	60°C Switch Temp, Safety Controlled	PTC	.698	.662		6	307-1204-00			OB
45.	15.	95°C Switch Temperature						307-1342-00		2.820	CR
50.	5.	+ .7%/°C	PTC	.105	.300		2	307-0364-00		1.210	CR
50.	10.		NTC	.135	.122		1	307-0122-00	A	.380	CR
52.	20.	75°C Switch Temperature	PTC	.500	.591		1	307-1389-00		.756	OT
55.	20.	80°C Switch Temperature, Safety Controlled	PTC	.983	.393		9	307-1259-00		.380	CR
60.	25.	50°C Switch Temperature	PTC	.650	.275		3	307-0842-00		.570	CR
100.	10.		NTC	.250 Nom	.122		1	307-0126-00	A	.335	CR
200.	10.	May Be Square or Round	NTC	.200	.100		1	307-0343-00	A	1.110	CR
390.	10.	+ .7%/°C	PTC	.105	.300		2	307-0250-00		1.050	CR
400.	30.	Square	NTC	.090	.092		7	307-1211-00	U	1.890	CR
500.	10.		NTC	.135	.122		1	307-0125-00		.305	CR
500.	10.	Taped & Reeled	NTC	.135	.122		1	307-0125-01	U		DL
800.	100. Ω	75°C Switch Temperature	PTC	.155	.315	.095	4	307-0561-00		17.140	CS
1. k	10.		NTC	.250	.250		1	307-0127-00	U	.368	CR
1. k	10.		NTC	.100	.112		1	307-0244-00		.334	CR
1. k	10.		NTC	.116	.138		1	307-0127-01		.370	CR
1. k	10.		NTC	.250	.132		1	307-0477-00		.421	CR
1. k	40.	80°C Switch Temp, Safety Controlled	PTC	.160	.390	.125	4	307-0662-00		.760	CR
2. k		+ .7%/°C		.390	.180		1	307-1308-00		2.850	CR
2.2 k	10.	+ .7%/°C	NTC	.155	.421		2	307-0123-00		3.000	CR
3.3 k	10.	+ .7%/°C	PTC	.155	.421		2	307-0152-00		1.700	CS
5. k	10.		NTC	.180	.160		1	307-0124-00	A	.324	CR
5. k	40.	80°C Switch Temperature	PTC	.160	.390	.135	4	307-0645-00		1.080	CR
5. k	+40-20	80°C Switch Temperature	PTC	.160	.390	.125	4	307-0767-00		1.510	CR
10. k	2.							307-1210-01		.660	EN
10. k	5.	+ .7%/°C	PTC	.105	.300		2	307-0642-00		1.210	CR
10. k	5.	3.3%/°C	NTC	.095			8	307-0972-00			DL
10. k	10.		PTC					307-1325-00		.900	CR
15. k	5.	500. $\Omega \pm 125^\circ\text{C}$, -2.56%/°C	NTC	.098	.070 Nom		1	307-0639-00	A	1.610	CS
20. k	2.	25°C Switch Temperature	NTC	.050	.050		3	307-1239-00		1.950	CR
20. k	5.		NTC	.125	.125		1	307-0751-00	U	.353	CR
20. k	5.	60°C Switch Temperature	NTC	.135	.175		1	307-0181-01		.550	CR
50. k	10.		NTC	.080	.180		2	307-0425-00		1.850	CS
100. k	2.	32 k @ +50°C, -4.3%/°C Nom	NTC	.095	.070 Nom		1	307-1097-00	U	1.170	CR
100. k	2.	W/connector & Housing	NTC	.095	.070		1	307-1097-01			OB
100. k	5.		NTC	.090 Nom	.070 Nom		1	307-0472-00		.695	CR
100. k	10.		NTC	.135	.175		1	307-0181-00	U	.325	CR
100. k	10.	-4.2%/°C	NTC	.703	.250		9	307-0919-00		3.660	CR

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SURFACE MOUNTABLE THICK FILM CHIP



Resistance Ω	Tolerance $\pm \%$	TC ^a	Maximum Dimensions			Part Number	MI ^b	Codes ^c		
			A	B	C			ND	Cost	ST
0	1					321-5051-00	Y		.020	CR
1.	20.	± 350 ppm/ $^{\circ}$ C	.055	.055	.016	321-5195-00		U	.650	EN
2.7	1.	± 200 ppm/ $^{\circ}$ C	.130	.065	.025	321-5101-00	Y		1.050	CR
5.	1.	± 300 ppm/ $^{\circ}$ C	.087	.059	.021	321-5082-00	Y		.026	CR
6.8	5.		.132	.069	.030	325-5059-00		A	.015	CR
7.5	5.	± 300 ppm/ $^{\circ}$ C	.132	.069	.030	325-5056-00		A	.026	CR
10.	1.	± 100 ppm/ $^{\circ}$ C	.160	.055	.020	307-0994-00				DL
10.	2.	± 200 ppm/ $^{\circ}$ C	.055	.055	.025	307-1230-00			1.400	CR
10.	5.	± 200 ppm/ $^{\circ}$ C	.160	.055	.020	307-0980-00			.015	CR
10.	1.	± 200 ppm/ $^{\circ}$ C	.132	.069	.030	321-5000-00	Y	U	.015	CR
10.	1.	± 100 ppm/ $^{\circ}$ C	.079	.048	.020	325-5041-00		A	.026	CR
11.	1.	± 100 ppm/ $^{\circ}$ C	.087	.057	.028	321-5224-00		U	.026	PP
12.	5.	± 200 ppm/ $^{\circ}$ C	.132	.069	.028	325-5016-00	Y			DL
12.1	1.	± 200 ppm/ $^{\circ}$ C	.132	.069	.030	321-5001-00	Y	U	.015	CR
15.	1.	± 200 ppm/ $^{\circ}$ C	.132	.069	.030	321-5002-00	Y	U	.015	CR
15.	5.	± 200 ppm/ $^{\circ}$ C	.132	.069	.028	325-5014-00	Y			DL
17.4	1.	± 100 ppm/ $^{\circ}$ C	.132	.069	.030	321-5184-00		A	.015	CR
18.2	1.	± 200 ppm/ $^{\circ}$ C	.132	.069	.030	321-5003-00	Y	U	.015	CR
18.2	1.	± 100 ppm/ $^{\circ}$ C	.079	.048	.020	325-5042-00		A	.026	CR
20.	5.	± 200 ppm/ $^{\circ}$ C	.132	.069	.028	325-5015-00	Y			DL
20.	5.	± 250 ppm/ $^{\circ}$ C	.050	.035	.016	321-5230-00			.850	EN
22.	2.	± 200 ppm/ $^{\circ}$ C	.055	.055	.025	307-1231-00			1.400	CR
22.1	1.	± 200 ppm/ $^{\circ}$ C	.132	.069	.030	321-5004-00		U	.015	CR
22.1	1.	± 100 ppm/ $^{\circ}$ C	.079	.048	.020	325-5055-00		A	.026	CR
26.7	1.	± 100 ppm/ $^{\circ}$ C	.079	.048	.020	325-5054-00		A	.026	CR
27.	1.	± 100 ppm/ $^{\circ}$ C	.087	.059	.021	321-5081-00	Y		.026	CR
27.4	1.	± 200 ppm/ $^{\circ}$ C	.132	.069	.030	321-5005-00	Y	U	.020	CR
30.	1.	± 250 ppm/ $^{\circ}$ C	.050	.035	.013	321-5160-00	Y			DL
32.4	1.	± 100 ppm/ $^{\circ}$ C	.132	.069	.030	321-5185-00		A	.015	CR
33.2	1.	± 200 ppm/ $^{\circ}$ C	.132	.069	.030	321-5050-00	Y	U	.015	CR
36.5	1.	± 200 ppm/ $^{\circ}$ C	.132	.069	.028	321-5086-00	Y		.022	CR
37.4	1.	± 200 ppm/ $^{\circ}$ C	.055	.055	.025	307-1234-00			1.090	EN
39.2	1.	± 200 ppm/ $^{\circ}$ C	.132	.069	.030	321-5042-00	Y	U	.015	CR
40.2	1.	± 100 ppm/ $^{\circ}$ C	.132	.069	.030	321-5186-00		A	.015	CR
47.5	1.	± 200 ppm/ $^{\circ}$ C	.132	.069	.030	321-5043-00	Y	U	.015	CR
47.	5.	± 200 ppm/ $^{\circ}$ C	.087	.059	.021	325-5025-00	Y		.026	CR
47.5	1.	± 200 ppm/ $^{\circ}$ C	.090	.060	.026	321-5137-00	Y		.026	PP
49.9	1.	± 100 ppm/ $^{\circ}$ C	.136	.109	.030	321-5109-00	Y		.223	CR
49.9	1.	± 100 ppm/ $^{\circ}$ C	.132	.069	.030	321-5194-00		A	.015	CR

^a Refer to the Resistor & Capacitor Section of the Supplement Catalog (#7), under Temperature Characteristics Code for more information on TC (Temperature Coefficient.)

^b Machine insertable.

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SURFACE MOUNTABLE THICK FILM CHIP (cont)

Resistance Ω	Tolerance $\pm \%$	TC ^a	Maximum Dimensions			Part Number	MI ^b	Codes ^c		
			A	B	C			ND	Cost	ST
49.9	1.	± 100 ppm/ $^{\circ}$ C	.079	.048	.020	325-5043-00		A	.026	CR
50.	1.	± 250 ppm/ $^{\circ}$ C	.035	.030	.013	321-5211-00		U	.960	PP
51.	5.	± 200 ppm/ $^{\circ}$ C	.132	.069	.028	307-0987-00			.025	CR
51.	5.	± 200 ppm/ $^{\circ}$ C	.132	.069	.030	325-5004-00	Y		.015	CR
56.2	1.	± 200 ppm/ $^{\circ}$ C	.132	.069	.030	321-5044-00	Y	U	.025	CR
56.2	1.	± 100 ppm/ $^{\circ}$ C	.079	.048	.020	325-5044-00		A	.026	CR
61.9	1.	± 100 ppm/ $^{\circ}$ C	.087	.059	.021	321-5077-00	Y		.026	CR
61.9	1.	± 100 ppm/ $^{\circ}$ C	.132	.069	.030	321-5187-00		A	.015	CR
62.	5.	-200 to + 500 ppm/ $^{\circ}$ C	.090	.060	.026	307-1169-00			.021	CR
62.	5.	± 200 ppm/ $^{\circ}$ C	.132	.069	.030	325-5008-00	Y		.015	CR
68.1	1.	± 200 ppm/ $^{\circ}$ C	.132	.069	.030	321-5045-00	Y	U	.015	CR
75.	1.	± 100 ppm/ $^{\circ}$ C	.132	.069	.030	321-5142-00	Y		.015	PP
75.	2.	± 200 ppm/ $^{\circ}$ C	.055	.055	.025	307-1232-00			.920	CR
82.	5.	± 200 ppm/ $^{\circ}$ C	.132	.069	.028	307-0979-00			.015	CR
82.5	1.	± 100 ppm/ $^{\circ}$ C	.132	.069	.030	321-5046-00	Y	U	.030	CR
84.5	1.	± 100 ppm/ $^{\circ}$ C	.132	.069	.030	321-5182-00	Y			DL
90.9	1.	± 100 ppm/ $^{\circ}$ C	.132	.069	.030	321-5188-00		A	.015	CR
91.	5.	-200 to + 500 ppm/ $^{\circ}$ C	.090	.060	.026	307-1173-00			.021	CR
91.	5.	± 200 ppm/ $^{\circ}$ C	.132	.069	.030	307-0982-00			.015	CR
100.	.1	± 50 ppm/ $^{\circ}$ C	.070	.050	.015	307-5053-00		A	1.400	CR
100.	1.	± 100 ppm/ $^{\circ}$ C	.132	.069	.030	321-5006-00	Y	U	.015	CR
100.	1.	± 200 ppm/ $^{\circ}$ C	.090	.060	.026	321-5135-00	Y		.026	CR
100.	1.	± 100 ppm/ $^{\circ}$ C	.134	.106	.030	321-5198-00		U	.108	PP
100.	5.	± 200 ppm/ $^{\circ}$ C	.132	.069	.028	325-5017-00			.025	CR
110.	1.	± 100 ppm/ $^{\circ}$ C	.130	.067	.028	321-5106-00			.020	CR
121.	1.	± 100 ppm/ $^{\circ}$ C	.132	.069	.030	321-5007-00	Y	U	.020	CR
121.	1.	± 250 ppm/ $^{\circ}$ C	.035	.030	.016	321-5175-00	Y	U	.630	CR
130.	5.	± 200 ppm/ $^{\circ}$ C	.132	.069	.030	307-0978-00				DL
133.	1.	± 100 ppm/ $^{\circ}$ C	.130	.067	.028	321-5107-00	Y		.015	CR
143.	1.	± 100 ppm/ $^{\circ}$ C	.090	.060	.026	321-5154-00		A	.026	PP
143.	1.	± 100 ppm/ $^{\circ}$ C	.132	.109	.024	321-5180-00		U	.015	CR
150.	1.	± 100 ppm/ $^{\circ}$ C	.132	.069	.030	321-5008-00	Y	U	.015	CR
150.	2.	± 200 ppm/ $^{\circ}$ C	.055	.055	.025	307-1233-00			1.400	CR
150.	5.	± 200 ppm/ $^{\circ}$ C	.132	.069	.030	325-5005-00	Y		.015	CR
150.	5.	± 200 ppm/ $^{\circ}$ C	.132	.069	.028	325-5018-00	Y			DL
150.	5.	-200 to + 500 ppm/ $^{\circ}$ C	.090	.060	.026	307-1162-00			.021	CR
158.	1.	± 100 ppm/ $^{\circ}$ C	.132	.069	.030	321-5217-00		A	.015	CR
182.	1.	± 100 ppm/ $^{\circ}$ C	.132	.069	.030	321-5009-00	Y	U	.015	CR
182.	1.	± 100 ppm/ $^{\circ}$ C	.079	.048	.020	325-5045-00		A	.026	CR
200.	1.	± 100 ppm/ $^{\circ}$ C	.132	.069	.021	321-5093-00	Y		.017	CR
200.	1.	± 100 ppm/ $^{\circ}$ C	.132	.069	.032	325-5020-00	Y		.015	EN
200.	2.	± 200 ppm/ $^{\circ}$ C	.132	.069	.030	307-0973-00				DL
200.	5.	± 200 ppm/ $^{\circ}$ C	.132	.069	.030	325-5000-00	Y		.015	CR
200.	5.	-200 to + 500 ppm/ $^{\circ}$ C	.090	.060	.026	307-1163-00			.021	CR
221.	1.	± 100 ppm/ $^{\circ}$ C	.132	.069	.030	321-5010-00	Y	U	.020	CR
237.	1.	± 100 ppm/ $^{\circ}$ C	.132	.069	.030	321-5189-00		A	.015	CR
240.	5.	± 200 ppm/ $^{\circ}$ C	.132	.069	.030	307-0981-00				DL
243.	1.	± 100 ppm/ $^{\circ}$ C	.132	.069	.030	321-5209-00		A	.015	CR
260.	1.	± 250 ppm/ $^{\circ}$ C	.035	.030	.016	321-5173-00	Y	U	.630	CR
274.	1.	± 100 ppm/ $^{\circ}$ C	.132	.069	.030	321-5011-00	Y	U	.015	CR
294.	1.	± 100 ppm/ $^{\circ}$ C	.132	.069	.030	321-5190-00		A	.015	CR
301.	1.	± 200 ppm/ $^{\circ}$ C	.132	.069	.030	321-5143-00	Y		.015	CR
330.	5.	-200 to + 500 ppm/ $^{\circ}$ C	.090	.060	.026	307-1167-00			.021	CR
330.	5.	± 200 ppm/ $^{\circ}$ C	.160	.055	.019	321-5156-00	Y	U	.450	PP
330.	5.	± 250 ppm/ $^{\circ}$ C	.045	.030	.016	307-5017-00			.495	EN

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SURFACE MOUNTABLE THICK FILM CHIP (cont)

Resistance Ω	Tolerance $\pm \%$	TC ^a	Maximum Dimensions			Part Number	MI ^b	Codes ^c		
			A	B	C			ND	Cost	ST
332.	1.	± 100 ppm/ $^{\circ}$ C	.132	.069	.030	321-5012-00	Y	U	.015	CR
340.	1.	± 100 ppm/ $^{\circ}$ C	.132	.069	.030	321-5191-00		A	.015	CR
365.	1.	± 100 ppm/ $^{\circ}$ C	.132	.109	.024	321-5179-00		U	.015	CR
383.	1.	± 100 ppm/ $^{\circ}$ C	.132	.069	.030	321-5192-00		A	.015	CR
390.	2.	± 200 ppm/ $^{\circ}$ C	.055	.055	.025	307-1235-00			.920	EN
390.	5.	± 200 ppm/ $^{\circ}$ C	.132	.069	.028	325-5019-00	Y			DL
392.	1.	± 100 ppm/ $^{\circ}$ C	.132	.069	.030	321-5013-00	Y	U	.016	CR
392.	1.	± 100 ppm/ $^{\circ}$ C	.079	.048	.020	325-5046-00		A	.026	CR
442.	1.	± 100 ppm/ $^{\circ}$ C	.087	.057	.028	321-5225-00		U	.026	PP
453.	1.	± 100 ppm/ $^{\circ}$ C	.132	.109	.024	321-5121-00	Y		.026	CR
464.	1.	± 200 ppm/ $^{\circ}$ C	.132	.069	.028	321-5054-00	Y			DL
470.	2.					307-5018-00			.575	EN
475.	1.	± 100 ppm/ $^{\circ}$ C	.132	.069	.030	321-5014-00	Y	U	.015	CR
485.	5.	± 250 ppm/ $^{\circ}$ C	.045	.030	.016	307-5013-00				EN
499.	1.	± 100 ppm/ $^{\circ}$ C	.132	.069	.030	321-5122-00	Y		.026	CR
510.	1.	± 100 ppm/ $^{\circ}$ C	.160	.055	.020	307-0995-00				DL
510.	1.	± 100 ppm/ $^{\circ}$ C	.087	.059	.021	321-5080-00	Y		.026	CR
510.	5.	-200 to +500 ppm/ $^{\circ}$ C	.090	.060	.026	307-1171-00			.021	CR
510.	5.	± 200 ppm/ $^{\circ}$ C	.132	.069	.030	325-5001-00	Y		.015	CR
523.	1.	± 100 ppm/ $^{\circ}$ C	.132	.069	.030	321-5193-00		A	.015	CR
560.	1.	± 250 ppm/ $^{\circ}$ C	.035	.030	.016	321-5221-00		U	.440	PP
562.	1.	± 100 ppm/ $^{\circ}$ C	.132	.069	.030	321-5015-00	Y	U	.015	CR
562.	1.	± 50 ppm/ $^{\circ}$ C	.142	.055		321-5071-00	Y		.100	CR
580.	1.	± 250 ppm/ $^{\circ}$ C	.035	.030	.016	321-5172-00	Y		.630	CR
620.	5.	± 200 ppm/ $^{\circ}$ C	.132	.069	.028	321-5087-00	Y		.022	PP
665.	1.	± 100 ppm/ $^{\circ}$ C	.132	.069	.030	321-5183-00		A	.015	PP
681.	.1	± 100 ppm/ $^{\circ}$ C	.132	.069	.030	321-5164-00	Y		.015	EN
681.	1.	± 100 ppm/ $^{\circ}$ C	.132	.069	.030	321-5016-00	Y		.025	CR
681.	1.	± 100 ppm/ $^{\circ}$ C	.079	.048	.020	325-5039-00		A	.026	CR
732.	1.	± 100 ppm/ $^{\circ}$ C	.132	.069	.030	321-5059-00	Y		.020	CR
750.	5.	± 200 ppm/ $^{\circ}$ C	.126	.063	.024	325-5061-00		A	.015	CR
787.	1.	± 200 ppm/ $^{\circ}$ C	.132	.069	.028	321-5053-00	Y		.015	PP
825.	1.	± 100 ppm/ $^{\circ}$ C	.132	.069	.030	321-5017-00	Y		.015	CR
825.	1.	± 100 ppm/ $^{\circ}$ C	.079	.048	.020	325-5048-00		A	.026	CR
887.	1.	± 100 ppm/ $^{\circ}$ C	.132	.069	.030	321-5222-00		A	.015	CR
910.	5.	± 200 ppm/ $^{\circ}$ C	.126	.063	.024	325-5060-00		A	.015	CR
1. k	1.	± 100 ppm/ $^{\circ}$ C	.132	.069	.030	321-5018-00	Y		.015	CR
1. k	1.	± 100 ppm/ $^{\circ}$ C	.079	.048	.020	325-5049-00		A	.026	CR
1. k	1.	± 50 ppm/ $^{\circ}$ C	.142	.055		321-5073-00	Y		.069	CR
1. k	5.	-200 to +500 ppm/ $^{\circ}$ C	.090	.060	.026	307-1159-00			.021	CR
1. k	5.	± 200 ppm/ $^{\circ}$ C	.132	.069	.030	325-5002-00	Y		.015	CR
1.1 k	1.	± 100 ppm/ $^{\circ}$ C	.132	.069	.030	321-5218-00		A	.015	CR
1.21 k	1.	± 100 ppm/ $^{\circ}$ C	.132	.069	.030	321-5019-00	Y		.020	CR
1.21 k	1.	± 50 ppm/ $^{\circ}$ C	.142	.055		321-5074-00	Y		.428	CR
1.21 k	1.	± 100 ppm/ $^{\circ}$ C	.079	.048	.020	325-5050-00		A	.026	CR
1.27 k	1.	± 100 ppm/ $^{\circ}$ C	.132	.069	.030	321-5202-00	Y		.020	CR
1.3 k	1.	± 100 ppm/ $^{\circ}$ C	.132	.069	.030	321-5210-00		A	.015	CR
1.33 k	1.	± 100 ppm/ $^{\circ}$ C	.132	.069	.030	321-5205-00	Y		.020	CR
1.43 k	1.	± 100 ppm/ $^{\circ}$ C	.132	.069	.030	321-5060-00	Y	U	.020	CR
1.47 k	1.	± 100 ppm/ $^{\circ}$ C	.132	.069	.030	321-5061-00	Y		.020	CR
1.5 k	1.	± 100 ppm/ $^{\circ}$ C	.132	.069	.030	321-5020-00	Y		.015	CR
1.5 k	1.	± 200 ppm/ $^{\circ}$ C	.132	.069	.028	321-5052-00	Y			DL
1.5 k	5.	± 200 ppm/ $^{\circ}$ C	.132	.069	.030	307-0975-00				DL
1.62 k	1.	± 100 ppm/ $^{\circ}$ C	.132	.069	.030	321-5062-00	Y		.020	CR
1.65 k	1.	± 100 ppm/ $^{\circ}$ C	.132	.069	.030	321-5223-00		A	.015	CR

^a Refer to the Resistor & Capacitor Section of the Supplement Catalog (#7), under Temperature Characteristics Code for more information on TC (Temperature Coefficient.)

^b Machine insertable.

^c The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

SURFACE MOUNTABLE THICK FILM CHIP (cont)

Resistance Ω	Tolerance $\pm \%$	TC ^a	Maximum Dimensions			Part Number	MI ^b	Codes ^c		
			A	B	C			ND	Cost	ST
1.74 k	1.	± 250 ppm/ $^{\circ}$ C	.035	.030	.016	321-5174-00	Y	U	.630	CR
1.78 k	1.	± 200 ppm/ $^{\circ}$ C	.132	.069	.028	321-5088-00	Y		.022	CR
1.8 k	2.					307-5015-00			.560	CR
1.8 k	5.	± 200 ppm/ $^{\circ}$ C	.132	.069	.030	325-5006-00	Y			DL
1.82 k	1.	± 100 ppm/ $^{\circ}$ C	.132	.069	.030	321-5021-00	Y		.015	CR
1.82 k	1.	± 100 ppm/ $^{\circ}$ C	.079	.048	.020	325-5040-00		A	.026	CR
2. k	5.	± 200 ppm/ $^{\circ}$ C	.132	.069	.030	307-0976-00			.050	CR
2.21 k	1.	± 100 ppm/ $^{\circ}$ C	.132	.069	.030	321-5022-00	Y		.030	CR
2.32 k	1.	± 100 ppm/ $^{\circ}$ C	.132	.069	.030	321-5228-00	Y		.020	CR
2.49 k	1.	± 100 ppm/ $^{\circ}$ C	.132	.069	.030	321-5213-00		A	.015	CR
2.61 k	1.	± 100 ppm/ $^{\circ}$ C	.132	.069	.030	321-5219-00		A	.015	CR
2.7 k	5.	± 250 ppm/ $^{\circ}$ C	.090	.060	.026	307-1164-00			.021	CR
2.74 k	1.	± 100 ppm/ $^{\circ}$ C	.132	.069	.030	321-5023-00	Y		.015	CR
2.94 k	1.	± 100 ppm/ $^{\circ}$ C	.132	.069	.030	321-5063-00	Y		.020	PP
3. k	5.	± 250 ppm/ $^{\circ}$ C	.090	.060	.026	307-1166-00			.021	CR
3.32 k	1.	± 100 ppm/ $^{\circ}$ C	.132	.069	.030	321-5024-00	Y		.015	CR
3.65 k	1.	± 100 ppm/ $^{\circ}$ C	.132	.069	.028	321-5110-00	Y		.015	CR
3.92 k	1.	± 100 ppm/ $^{\circ}$ C	.132	.069	.030	321-5025-00	Y		.020	CR
3.92 k	1.	± 100 ppm/ $^{\circ}$ C	.079	.048	.020	325-5052-00		A	.026	CR
4. k	5.	± 350 ppm/ $^{\circ}$ C	.035	.030	.013	321-5181-00		U	.250	CR
4.02 k	1.	± 100 ppm/ $^{\circ}$ C	.132	.069	.030	321-5144-00	Y		.020	EN
4.53 k	1.	± 100 ppm/ $^{\circ}$ C	.090	.060	.026	321-5155-00	Y	A	.026	PP
4.7 k	5.	± 200 ppm/ $^{\circ}$ C	.132	.069	.028	325-5013-00	Y		.015	CR
4.75 k	1.	± 100 ppm/ $^{\circ}$ C	.132	.069	.030	321-5026-00	Y		.015	CR
4.75 k	1.	± 50 ppm/ $^{\circ}$ C	.142	.055	.030	321-5105-00	Y		.100	CR
4.99 k	1.	± 100 ppm/ $^{\circ}$ C	.132	.069	.030	321-5212-00		Y	.015	CR
5.11 k	1.	± 200 ppm/ $^{\circ}$ C	.132	.069	.028	321-5089-00	Y			DL
5.6 k	1.	± 200 ppm/ $^{\circ}$ C	.132	.069	.028	321-5057-00	Y			DL
5.6 k	5.	± 250 ppm/ $^{\circ}$ C	.090	.060	.026	307-1172-00			.035	CR
5.6 k	5.	± 200 ppm/ $^{\circ}$ C	.132	.069	.030	325-5011-00	Y		.015	CR
5.62 k	1.	± 100 ppm/ $^{\circ}$ C	.132	.069	.030	321-5027-00	Y		.015	CR
6.2 k	5.	± 200 ppm/ $^{\circ}$ C	.132	.069	.030	325-5010-00	Y		.015	CR
6.17 k	1.	± 100 ppm/ $^{\circ}$ C	.132	.069	.030	321-5145-00	Y			EN
6.81 k	1.	± 100 ppm/ $^{\circ}$ C	.132	.069	.030	321-5028-00	Y		.008	CR
8.2 k	5.	± 250 ppm/ $^{\circ}$ C	.090	.060	.026	307-1170-00			.021	CR
8.25 k	1.	± 100 ppm/ $^{\circ}$ C	.132	.069	.030	321-5029-00	Y		.015	CR
8.25 k	1.	± 50 ppm/ $^{\circ}$ C	.142	.055		321-5067-00	Y		.065	CR
9.76 k	1.	± 100 ppm/ $^{\circ}$ C	.087	.059	.021	321-5099-00	Y		.026	CR
10. k	1.	± 50 ppm/ $^{\circ}$ C	.142	.055		321-5068-00	Y		.100	CR
10. k	1.	± 100 ppm/ $^{\circ}$ C	.132	.069	.030	321-5030-00	Y		.015	CR
10. k	1.	± 100 ppm/ $^{\circ}$ C	.087	.059	.021	321-5079-00	Y		.026	CR
10. k	1.	± 100 ppm/ $^{\circ}$ C	.132	.069	.030	321-5165-00	Y		.015	CR
10. k	1.	± 250 ppm/ $^{\circ}$ C	.035	.030	.013	321-5138-00	Y	U	.500	CR
10. k	2.					307-5016-00			.540	CR
10. k	5.	± 250 ppm/ $^{\circ}$ C	.090	.060	.026	307-1160-00			.030	CR
10. k	5.	± 200 ppm/ $^{\circ}$ C	.132	.069	.030	325-5003-00	Y		.015	CR
10. k	5.	± 200 ppm/ $^{\circ}$ C	.132	.069	.030	307-0974-00				DL
11. k	1.	± 100 ppm/ $^{\circ}$ C	.087	.059	.021	321-5084-00	Y		.026	CR
12.1 k	1.	± 100 ppm/ $^{\circ}$ C	.132	.069	.030	321-5031-00	Y		.015	CR
13. k	1.	± 100 ppm/ $^{\circ}$ C	.132	.069	.030	321-5147-00	Y		.020	EN

^a Refer to the Resistor & Capacitor Section of the Supplement Catalog (#7), under Temperature Characteristics Code for more information on TC (Temperature Coefficient.)

^b Machine insertable.

^c The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

SURFACE MOUNTABLE THICK FILM CHIP (cont)

Resistance Ω	Tolerance $\pm \%$	TC ^a	Maximum Dimensions			Part Number	Mi ^b	Codes ^c		
			A	B	C			ND	Cost	ST
13. k	5.	± 200 ppm/ $^{\circ}$ C	.132	.069	.030	307-0977-00				DL
14.3 k	1.	± 100 ppm/ $^{\circ}$ C	.132	.069	.030	321-5146-00	Y			EN
15. k	1.	± 100 ppm/ $^{\circ}$ C	.132	.069	.030	321-5032-00	Y		.015	CR
15. k	1.	± 50 ppm/ $^{\circ}$ C	.142	.055		321-5069-00	Y			DL
15. k	5.	± 200 ppm/ $^{\circ}$ C	.132	.069	.030	325-5009-00	Y		.015	CR
16.5 k	1.	± 100 ppm/ $^{\circ}$ C	.087	.059	.021	321-5085-00	Y		.026	CR
17.4 k	1.	± 100 ppm/ $^{\circ}$ C	.087	.059	.021	321-5083-00	Y		.026	CR
18.2 k	1.	± 100 ppm/ $^{\circ}$ C	.132	.069	.030	321-5033-00	Y		.020	CR
20. k	1.	± 100 ppm/ $^{\circ}$ C	.087	.059	.021	321-5078-00	Y		.026	PP
20. k	1.	± 200 ppm/ $^{\circ}$ C	.132	.069	.028	321-5090-00	Y			DL
22.1 k	1.	± 100 ppm/ $^{\circ}$ C	.132	.069	.030	321-5034-00	Y		.015	CR
22.1 k	1.	± 50 ppm/ $^{\circ}$ C	.142	.055		321-5070-00	Y		.069	CR
24.9 k	1.	± 100 ppm/ $^{\circ}$ C	.132	.069	.030	321-5148-00	Y		.020	EN
27.4 k	1.	± 100 ppm/ $^{\circ}$ C	.132	.069	.030	321-5035-00	Y		.015	CR
33.2 k	1.	± 100 ppm/ $^{\circ}$ C	.132	.069	.030	321-5036-00	Y		.022	CR
39.2 k	1.	± 100 ppm/ $^{\circ}$ C	.132	.069	.030	321-5037-00	Y		.015	CR
39.2 k	5.	± 100 ppm/ $^{\circ}$ C	.087	.059	.021	321-5100-00	Y		.026	CR
40. k	1.	± 200 ppm/ $^{\circ}$ C	.132	.069	.028	321-5092-00	Y			DL
40. k	1.	± 100 ppm/ $^{\circ}$ C	.132	.069	.030	321-5220-00		A	.015	CR
41.2 k	1.	± 100 ppm/ $^{\circ}$ C	.132	.069	.030	321-5226-00		A	.015	CR
47. k	5.	± 200 ppm/ $^{\circ}$ C	.132	.069	.030	325-5007-00	Y		.015	CR
47. k	5.	± 250 ppm/ $^{\circ}$ C	.090	.060	.026	307-1168-00			.021	CR
47.5 k	1.	± 100 ppm/ $^{\circ}$ C	.132	.069	.030	321-5038-00	Y		.015	CR
51.1 k	1.	± 100 ppm/ $^{\circ}$ C	.132	.069	.030	321-5149-00	Y		.020	EN
56.2 k	1.	± 100 ppm/ $^{\circ}$ C	.132	.069	.030	321-5039-00	Y		.020	CR
64.9 k	1.	± 100 ppm/ $^{\circ}$ C	.132	.069	.030	321-5227-00		A	.015	CR
68.1 k	1.	± 100 ppm/ $^{\circ}$ C	.132	.069	.030	321-5040-00	Y	U	.015	CR
82.5 k	1.	± 100 ppm/ $^{\circ}$ C	.132	.069	.030	321-5041-00	Y	U	.015	CR
90. k	2.	± 250 ppm/ $^{\circ}$ C	.035	.030	.013	321-5139-00	Y		.900	CR
90.9 k	1.	± 100 ppm/ $^{\circ}$ C	.132	.069	.030	321-5150-00	Y		.020	EN
100. k	1.	± 100 ppm/ $^{\circ}$ C	.090	.060	.026	321-5153-00	Y	A	.026	PP
100. k	1.	± 100 ppm/ $^{\circ}$ C	.132	.069	.030	321-5047-00	Y	U	.015	CR
100. k	1.	± 100 ppm/ $^{\circ}$ C	.079	.048	.020	325-5053-00		A	.026	CR
100. k	5.	± 250 ppm/ $^{\circ}$ C	.045	.030	.016	307-5012-00				EN
150. k	1.	± 100 ppm/ $^{\circ}$ C	.132	.069	.030	321-5166-00	Y		.015	EN
190. k	1.	± 100 ppm/ $^{\circ}$ C	.160	.055	.020	307-0996-00				DL
200. k	1.	-200 to +100 ppm/ $^{\circ}$ C	.132	.069	.030	321-5064-00	Y		.026	CR
200. k	1.	-200 to +100 ppm/ $^{\circ}$ C	.132	.069	.028	321-5091-00	Y			DL
200. k	5.	-300 to +100 ppm/ $^{\circ}$ C	.090	.060	.026	307-1165-00				DL
221. k	1.	± 250 ppm/ $^{\circ}$ C	.035	.030	.016	321-5167-00	Y		.015	EN
332. k	1.	± 100 ppm/ $^{\circ}$ C	.132	.069	.030	321-5048-00	Y	U	.017	CR
392. k	1.	± 250 ppm/ $^{\circ}$ C	.035	.030	.016	321-5168-00	Y		.015	EN
430. k	2.	± 250 ppm/ $^{\circ}$ C	.081	.051	.022	325-5021-00	Y		.025	CR
453. k	1.	± 100 ppm/ $^{\circ}$ C	.132	.069	.030	321-5151-00	Y		.020	EN
470. k	5.	± 200 ppm/ $^{\circ}$ C	.132	.069	.030	307-0944-00			.015	CR
475. k	1.	± 100 ppm/ $^{\circ}$ C	.132	.069	.030	321-5169-00	Y		.015	EN
500. k	5.	± 250 ppm/ $^{\circ}$ C	.045	.030	.016	307-5014-00				EN
562. k	1.	± 100 ppm/ $^{\circ}$ C	.132	.069	.030	321-5171-00	Y			EN
590. k	1.	± 100 ppm/ $^{\circ}$ C	.132	.069	.030	321-5152-00	Y		.020	EN
825. k	1.	± 100 ppm/ $^{\circ}$ C	.132	.069	.030	321-5170-00	Y		.015	EN
1. M	1.	± 100 ppm/ $^{\circ}$ C	.132	.069	.030	321-5049-00	Y	U	.014	CR
1. M	5.	-300 to +100 ppm/ $^{\circ}$ C	.090	.060	.026	307-1161-00			.025	CR
1. M	5.	± 250 ppm/ $^{\circ}$ C	.129	.066	.025	325-5012-00	Y			DL
2. M	5.	± 200 ppm/ $^{\circ}$ C	.132	.069	.030	313-5000-00			.018	EN
10. M	5.	± 100 ppm/ $^{\circ}$ C	.132	.069	.030	313-5001-00			.050	EN
10. M	10.	± 200 ppm/ $^{\circ}$ C	3.200	.650	.550	321-5111-00 ^d			.012	CR

^a Refer to the Resistor & Capacitor Section of the Supplement Catalog (#7), under Temperature Characteristics Code for more information on TC (Temperature Coefficient.)

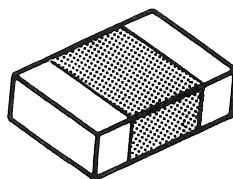
^b Machine insertable.

^c The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

^d Dimensions are metric.

CHIP

THE FOLLOWING CHIP PARTS CANNOT BE FLOW SOLDERED.



Resistance Ω	Tolerance $\pm \%$	Dimensions	Other	Part Number	Codes ^a		
					ND	Cost	ST
5.	5.	.050 x .050		307-0552-00		1.150	CR
8.2	5.	.050 x .050		307-1192-00		.500	CR
10.	10.	.050 x .050		307-0279-00		.730	CR
15.	2.	.050 x .050		307-1193-00		.460	EN
18.	1.	.050 x .050		307-0570-00		.400	CR
20.	5.	.050 x .050		307-0278-00		.970	CR
20.	2.	.155 x .050		307-1194-00		.800	CR
24.	2.	.050 x .050		307-0705-00		1.040	CR
25.	1.	.200 x .235		307-0733-00		3.220	CR
27.	1.	.050 x .050		307-0514-00		.800	CR
39.	2.	.050 x .050		307-1226-00		1.400	CR
43.	1.	.050 x .050		307-0511-00		.400	CR
50.	1.	.050 x .050		307-0512-00		1.250	CR
50.	1.	.050 x .050	Tantalum Nitride	307-0336-00		.692	CR
50.	5.	.100 x .050	3 dB Attenuator, Tantalum Nitride	307-0337-00		6.850	CR
50.	5.	.100 x .050	15 dB Attenuator, Tantalum Nitride	307-0433-00		3.750	CR
57.	1.	.050 x .050		307-0571-00		1.040	CR
68.	5.	.050 x .050		307-0275-00		1.400	CR
82.	2.	.050 x .050		307-1227-00		.920	EN
100.	5.	.030 x .030		307-0894-00		.520	CR
110.	2.	.155 x .050		307-1195-00		1.400	CR
120.	1.	.050 x .050		307-0513-00		1.130	CR
143.	1.	.050 x .050		307-1196-00		.920	CR
180.	2.	.050 x .050	Tantalum Nitride	307-0657-00		1.090	CR
180.	2.	.155 x .050		307-1197-00		3.170	CR
200.	1.	.200 x .235		307-0734-00		2.680	CR
200.	5.	.050 x .050		307-0277-00		.950	CR
225.	1.	.050 x .050		307-1103-00		.400	CR
240.	2.	.155 x .050		307-1198-00		1.400	CR
249.	1.	.050 x .050		307-0569-00		1.040	CR
270.	2.	.050 x .050		307-1229-00		1.400	CR
300.	10.	.050 x .050		307-0276-00	U	.840	CR
300.	10.	.100 x .050		307-0276-01		1.840	CS
300.	10.	.050 x .050		307-0401-00		1.250	CR
330.	2.	.050 x .050		307-1201-00		1.400	CR
390.	1.			307-0859-00			DL
430.	2.	.050 x .050	Tantalum Nitride	307-0656-00		1.040	CR
510.	1.	.050 x .030		307-0515-00		.650	CR
560.	2.	.050 x .050		307-1199-00		1.400	CR
620.	2.	.050 x .050		307-1228-00		.460	EN
630.	2.	.050 x .050		307-1200-00		1.400	CR
800.	1.	.050 x .050		307-0516-00		.730	CR
900.	1.	.150 x .050		307-0517-00		.950	CR
1. k	1.	.050 x .050		307-0518-00		1.130	CR
1. k	5.	.050 x .050		307-0497-00		.842	CR

^a The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

RESISTOR, FIXED

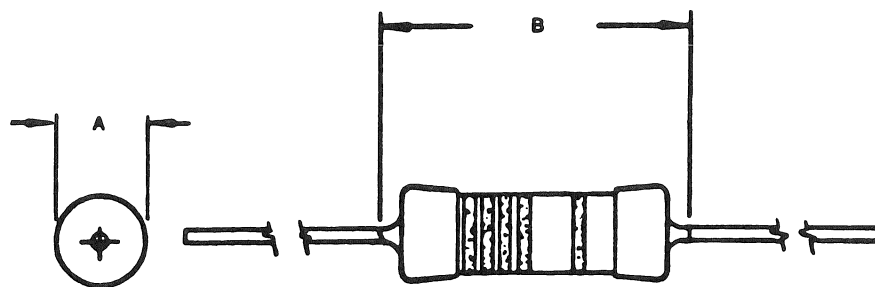
CHIP (cont)

THE FOLLOWING CHIP PARTS CANNOT BE FLOW SOLDERED.

Resistance Ω	Tolerance \pm %	Dimensions	Other	Part Number	Codes ^a		
					ND	Cost	ST
4.7 k	10.	.015 Square	Tantalum Nitride	307-1149-00	U		DL
10. k	10.	.055 x .055		307-0797-00		.330	CR
20. k	5.	.020 Square		307-0614-00		.410	CR
62. k	5.	.019 Square		307-0840-00			DL
680. k	2.	.050 x .050		307-0566-00		.720	CR
1.11 M	1.	.050 x .050		307-0521-00		1.650	CR
2. M	1.	.050 x .050		307-0519-00		1.250	CR
8. M	1.	.150 x .050		307-0520-00		1.860	CR
9. M	1.	.150 x .050		307-0522-00		1.650	CR
9. M	1.	.150 x .050		307-1212-00			DL

^a The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

THICK FILM POWER



Resistance Ω	Tolerance $\pm \%$	Watts	Maximum Dimensions		Part Number	Codes ^a		
			A	B		ND	Cost	ST
20.	5.	2.	.320	.718	307-1157-00			OB
51.	5.	10.	.343	2.125	307-0404-00		.037	CR
82.	5.	5.	.343	1.750	307-0405-00		.394	CR
120.	5.	10.	.344	2.125	307-0301-00		.390	CR
150.	5.	4.	.344	1.625	307-0335-00		.127	CS
150.	5.	10.	.344	2.125	307-0300-00		.370	CR
182.	1.	6.	.330	1.031	307-0443-00		1.480	CS
200.	5.	10.	.344	2.125	307-0890-00	U	.280	CS
270.	2.	4.	.344	1.625	307-0384-00		.213	CS
510.	5.	4.	.343	1.625	307-0435-00		.180	CS
510.	5.	10.	.320	2.075	307-1156-00	A	.494	CS
1. k	5.	10.	.344	2.125	307-0469-00		.321	CS
1.2 k	1.	3.	.330	.630	307-1033-00		1.710	CR
1.5 k	2.	10.	.344	2.125	307-0391-00		.350	CS
1.5 k	10.	3.	.343	1.000	307-0616-00		.204	CS
1.8 k	5.	10.	.344	2.093	307-1032-00		.210	CS
6. k	1.	1.	.233	.622	307-0845-00		.150	CR
6.8 k	10.	3.	.343	1.000	307-0617-00		.110	CS
7.5 k	10.	10.	.320	2.075	310-0001-00	A	.375	CS
9. k	5.	4.	.344	1.625	307-0334-00		.197	CS
39. k	2.	2.	.245	.650	307-0223-00	U	.860	CS
90. k	5.	10.	.343	2.093	307-0402-00		.036	CR
100. k	5.	3.	.343	.955	307-0670-00		.178	CS
200. k	1.	3.	.245	.650	307-0643-00		.130	CR
200. k	1.	3.	.260	.650	307-0839-00	A	.220	CR
750. k	2.	1.	.190	.562	307-0418-00		.290	CS

^a The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

PELLET

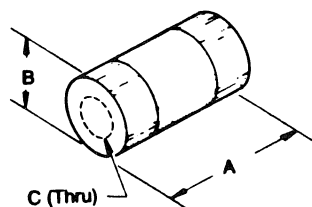


FIGURE 1

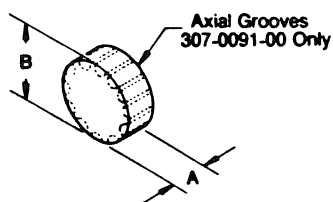


FIGURE 2

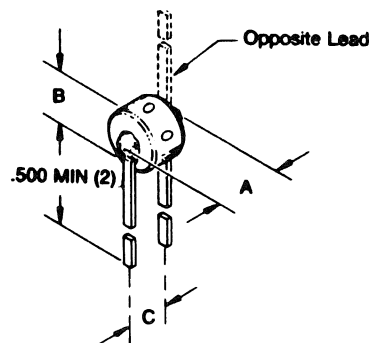
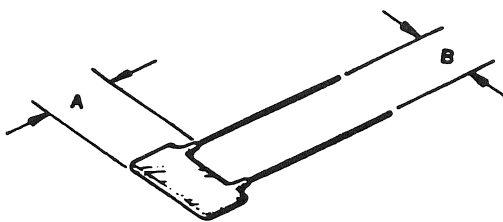


FIGURE 3

Resistance Ω	Tolerance \pm %	Watts	Maximum Dimensions			Other	Fig	Part Number	Codes ^a		
			A	B	C (Nom)				ND	Cost	ST
2.1	1.	1.000	.050	.349		Leadless	2	307-0097-00		2.900	CR
5.	5.	.100	.030	.100		Leadless	2	307-0091-00			DL
15.	5.	.100	.050	.104		Leadless	2	307-0092-00			OB
27.	10.	.075	.068	.103	.030	Parallel Leads	1	307-0236-00		6.080	CR
48.	+0 -1	.100	.067	.053		Leadless	2	307-0286-00		4.860	CR
48.	1.	.250	.254	.129		Leadless	3	307-0099-00	U	2.200	CR
50.	10.	.075	.068	.053	.030	Opposite Leads	1	307-0228-00			NP
50.	10.	.075	.068	.053	.030	Parallel Leads	1	307-0240-00			NP
50.	1.	.250	.254	.129		Leadless	3	307-0079-00		4.020	CR
56.4	.5	.250	.254	.129	.069	Leadless	3	307-0098-00	U	2.780	CR
75.	5.	.075	.100	.053	.062	Parallel Leads	1	307-0150-00			OB
100.	5.	.075	.068	.053	.030	Parallel Leads	1	307-0241-00		3.000	CR
150.	5.	.075	.100	.053	.062	Parallel Leads	1	307-0227-00		3.750	CR
180.	10.	.075	.068	.053	.030	Parallel Leads	1	307-0242-00		1.480	CS
200.	10.	.075	.068	.053	.030	Parallel Leads	1	307-0243-00		1.480	CS
270.	10.	.075	.068	.053	.030	Parallel Leads	1	307-0252-00			NP
390.	10.	.075	.068	.053	.030	Parallel Leads	1	307-0303-00		3.500	CS
500.	10.	.075	.100	.053	.062	Parallel Leads	1	307-0118-00			NP
500.	10.	.075	.068	.053	.030	Parallel Leads	1	307-0234-00			OB
1. k	10.	.075	.068	.053	.030	Parallel Leads	1	307-0245-00		4.330	CS
1. k	10.	.075	.100	.053	.062	Parallel Leads	1	307-0119-00		4.600	CS
1.3 k	10.	.075	.068	.053	.030	Parallel Leads	1	307-0235-00			OB
2. k	10.	.075	.100	.053	.062	Parallel Leads	1	307-0117-00			NP
2. k	10.	.075	.068	.053	.030	Parallel Leads	1	307-0246-00		1.420	CS
3.3 k	10.	.075	.068	.053	.030	Parallel Leads	1	307-0247-00		6.890	LR
82. k	10.	.075	.068	.053	.030	Parallel Leads	1	307-0302-00		3.930	CS
100. k	10.	.075	.068	.053	.030	Parallel Leads	1	307-0248-00		1.650	CS
120. k	10.	.075	.100	.053	.062	Opposite Leads	1	307-0100-00		.038	CS

^a The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

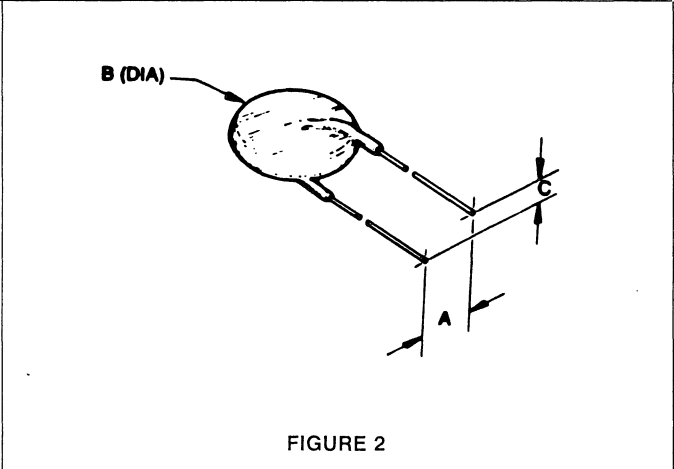
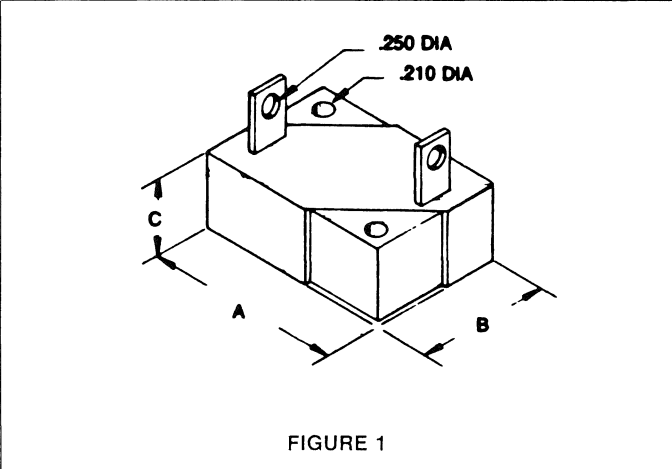
THICK FILM PLATE



Resistance Ω	Tolerance ± %	Watts	Maximum Dimensions		Part Number	Codes ^a		
			A	B		ND	Cost	ST
43. k	10.	1.	.465	.931	307-0417-00	U	1.320	CS
1. M	10.	1.	.465	.931	307-0416-00		1.320	CR
3.3 M	10.	1.	.465	.931	307-0413-00		.510	CS
4.99 M	1.	.5	.390	.431	307-0381-00		1.010	CR
10. M	1.	.5	.390	.431	307-0465-00		.950	CR
11.1 M	1.	.5	.390	.431	307-0430-00		1.210	CR
25. M	1.	.5	.340	.431	307-0412-00		.860	CR
50. M	1.	.5	.465	.931	309-0450-00		2.000	CS
100. M	1.	1.	.465	.931	307-0429-00		1.960	CR
100. M	10.	1.	.465	.931	307-0428-00		1.070	CS
.5 W Rating Maximum 750 V 1. W Rating Maximum 5000 V								

^a The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

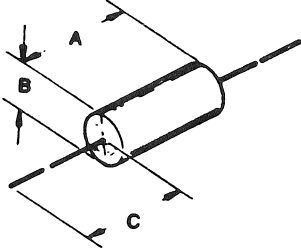
METAL OXIDE VARISTOR

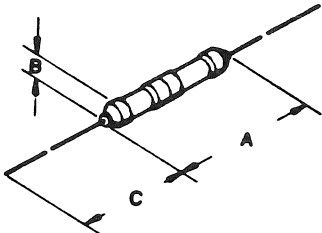


Volts	Maximum Dimensions			Figure	Other	Part Number	Codes ^a		
	A	B	C				ND	Cost	ST
65 AC	.334	.787	.196	1		307-1208-00		.500	CS
18 DC ± 20%	.310	.461	.158	1	Safety Controlled	307-0638-00	U	.320	CR
130 AC/175 DC	.330	1.010	.220	1	Safety Controlled	307-0449-00	U	.460	CR
130 AC/175 DC	.337	.740	.220	1	Safety Controlled	307-0415-00		.420	CR
130 AC/175 DC	2.400	1.600	.910	2	Safety Controlled	307-0731-00		16.760	LR
250 AC/330 DC	.310	.460	.137	1	Safety Controlled	307-0663-00	A	.089	CR
250 AC/330 DC	.316	.650	.118	1	Safety Controlled	307-0456-00	A	.420	CR
575 AC/730 DC	.330	.740	.220	1		307-0071-00		.500	CS

^a The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

HIGH VALUE





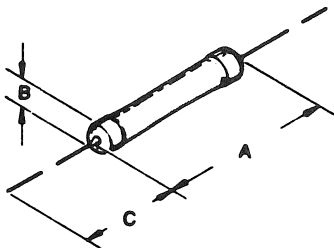


FIGURE 1

FIGURE 2

FIGURE 3

Resistance Ω	Tolerance ± %	Watts	Dimensions			Other	Voltage Rating	Fig	Part Number	MI ^a	Codes ^b		
			A (Max)	B (Max)	C (Nom)						ND	Cost	ST
50. M	10.	2.	1.850	.320	1.500	6-32 Screw Mount	7,500	3	314-0004-00	Y		1.320	OB
100. M	1.	.5	.343	.120	1.060 Min	Axial Leads		2	325-0197-02				DL
100. M	1.	.5	.880	.170	1.500	Axial Leads	3,000	2	325-0197-00				CR
100. M	10.	.01	1.001	.150	1.000 Min	Axial Leads	350	3	314-0009-00				CS
100. M	10.	2.	1.850	.320	1.500	6-32 Screw Mount	7,500	3	314-0005-00				OB
150. M	20.	2.	.740	.321	1.500	Axial Leads	12,500	1	307-0672-00		5.000		DL
1. G	10.	.001	.500	.150	1.000 Min	Axial Leads	1,000	1	314-0010-00				CS
1. G	10.	.5	.486	.148	1.000	Axial Leads	350	1	302-0108-00				OB
10. G	30.	.5	.406	.150	1.000 Min	Axial Leads	500	1	314-0011-00				OB
10. G	1.	.5	.343	.120	1.060 Min	Axial Leads		2	325-0198-02				DL
10. G	1.	.5	.880	.160	1.500	Axial Leads	3,000	2	325-0198-00		N	4.500	CR

^a Machine insertable.^b The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

TAPPED

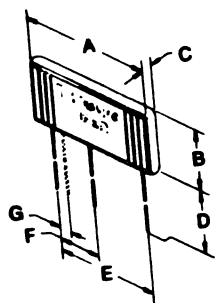


FIGURE 1

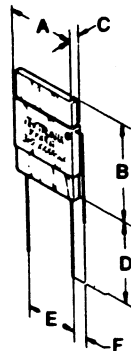
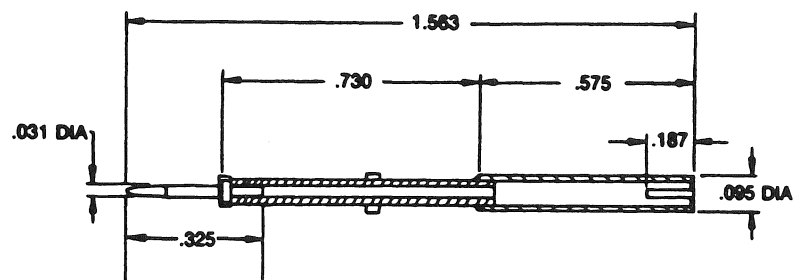


FIGURE 2

Resistance Ω	Tap	Tolerance $\pm \%$	Watts	Fig	Dimensions							Part Number	Codes ^a		
					A	B	C	D	E	F	G		ND	Cost	ST
5.4	.4 Ω	5.	4.	2	1.062	1.550	.125	1.250	.800	.200		310-0690-00		9.120	CR
162.6	14.6 Ω	5.	4.	2	1.062	1.550	.125	1.250	.800	.200		310-0691-00		10.020	CR
600.	300. Ω	2.	3.	1	1.100	.725	.216	1.375	.750	.375		310-0603-00			OB
1. k	.4 k Ω	1.	7.	1	1.725	.850	.216	1.290	1.375	.562		310-0523-00			OB
1.3 k		1.	6.	1	1.725	.850	.200	1.250	1.375	.688	.250	310-0549-00			OB
1.8 k	.53 k Ω	1.	7.	1	1.725	.850	.200	1.250	1.375	.688		310-0534-00			OB
3.7 k	340. Ω	5.	8.	2	1.062	1.550	.125	1.250	.800	.200		310-0692-00	A	9.060	CR
6. k	3. k Ω	1.	3.	1	1.100	.725	.216	1.375	.750	.375		310-0555-00			OB
10. k	5. k Ω	1.	3.	1	1.725	.850	.216	1.290	1.375	.562		310-0559-00			OB
14. k	7. k Ω	1.	3.	1	1.100	.725	.216	1.375	.750	.375		310-0577-00			OB
15. k	3. k Ω	1.	7.	1	1.725	.850	.200	1.250	1.375	.437		310-0558-00			OB
18. k	4.5 k Ω	1.	7.	1	1.725	.850	.216	1.290	1.375	.437		310-0600-00			OB
18. k	8. Ω , 3.7 k Ω , 13.5 k Ω	1.	6.	1	1.750	.850	.200	1.250	1.375	.688	.250	310-0611-00			OB
35. k	7. k Ω	1.	7.	1	1.725	.850	.216	1.290	1.375	.437		310-0524-00	A		OB

^a The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

METAL FILM PROBE RESISTOR



Resistance Ω	Tolerance $\pm \%$	Watts	Part Number	Codes ^a		
				ND	Cost	ST
400.	1.	.5	307-0330-00			NP
400.	1.	.5	307-0330-01		6.150	CR
900.	1.	.5	309-0455-00		6.250	CS
4.9 k	1.	.5	307-0329-00			NP
4.9 k	1.	.5	307-0329-01		6.150	CR

^a The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

RESISTOR NETWORK SINGLE IN-LINE (PURCHASED)

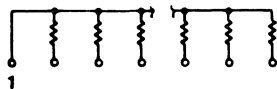
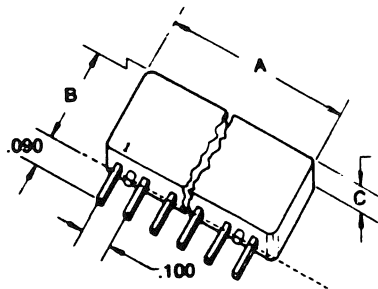


FIGURE 1



FIGURE 2

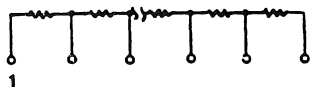


FIGURE 3

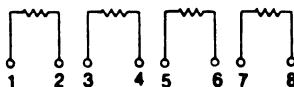


FIGURE 4

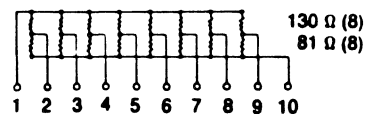


FIGURE 5

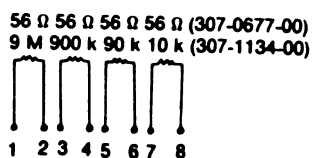
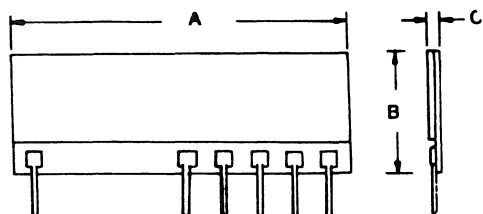


FIGURE 6

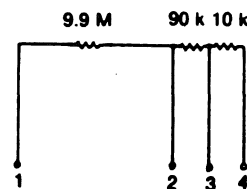


FIGURE 7

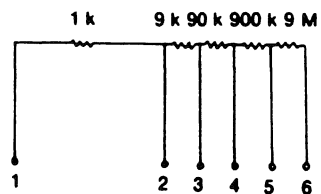


FIGURE 8

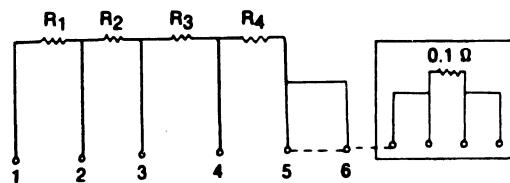


FIGURE 9

RESISTOR NETWORK

SINGLE IN-LINE (PURCHASED) (cont)

Resistance	Tolerance ± %	Watts		Pins	Figure	Maximum Dimensions			Part Number	Codes ^a		
		Package	Each Resistor			A	B	C		ND	Cost	ST
10. Ω (4)	10.	1.000	.300	8	4	.795	.250	.095	307-0841-00	U	.130	CR
24. Ω (10)	5.	3.000	.190	11	1	1.090	.250	.090	307-0927-00		.190	CR
33. Ω (5)	2.	1.250	.300	10	4	.995	.195	.090	307-1187-00		.165	CR
33. Ω (4)	2.	1.000	.300	8	4	.795	.250	.090	307-0828-00		.099	CR
39. Ω (5)	5.	1.125	.125	10	4	1.000	.200	.090	307-0852-00		.230	CS
39. Ω (5)	10.	.750	.150	6	1	.650	.250	.095	307-0527-00	A	.078	CR
39. Ω (7)	5.	1.125	.125	8	1	.850	.250	.090	307-0528-00		.550	CR
39. Ω (9)	2.	1.125	.150	10	1	1.050	.250	.095	307-0789-00		.150	CR
50. Ω (3)	5.	.500	.125	4	1	.390	.250	.090	307-0492-00		.111	CR
50. Ω (5)	5.	.750	.150	6	1	.650	.250	.098	307-0501-00		.600	CR
50. Ω (7)	5.	1.000	.150	8	1	.850	.250	.098	307-0493-00		.068	CR
50. Ω (8)	5.	.750	.150	10	2	.990	.250	.100	307-1343-00		.140	CR
50. Ω (9)	5.	1.125	.125	10	1	1.050	.250	.098	307-0640-00		.110	CR
56. Ω (4)	2.	.800	.200	8	4	.795	.250	.098	307-0677-00		.080	CR
56. Ω (5)	2.	1.250	.300	10	4	.995	.195	.087	307-1019-00		.130	CS
56. Ω (7)	2.	1.300	.190	8	1	.790	.195	.080	307-1397-00	A	.068	PP
56. Ω (9)	2.	1.250	.150	10	1	1.050	.250	.098	307-0525-00		.120	CS
62. Ω (4)	5.	.750	.150	6	2	.650	.250	.080	307-1215-00		.078	CR
62. Ω (7)	5.	.190	.190	8	1	.790	.195	.090	307-1218-00		.068	CR
62. Ω (8)	5.	.750	.150	10	2	.990	.300	.100	307-1338-00		.130	CR
62. Ω (9)	2.	1.250	.150	10	1	1.050	.250	.095	307-0819-00		.085	CR
68. Ω (4)	2.	.800	.200	8	4	.795	.250	.098	307-0711-00		.170	CR
68. Ω (5)	2.	.750	.150	6	1	.590	.250	.090	307-1322-00		.070	CR
68. Ω (5)	2.	1.100	.300	10	4	1.050	.250	.090	307-0721-00		.100	CR
68. Ω (5)	2.	1.250	.300	10	4	1.050	.250	.090	307-1000-00			DL
68. Ω (5)	2.	1.500	.300	10	4	1.050	.350	.090	307-0721-01	A	.236	CR
68. Ω (7)	20.	1.000	.125	8	1	.850	.250	.098	307-0587-00		.068	CR
75. Ω (4)	2.	1.200	.300	8	4	.790	.195	.090	307-1431-00		.130	CR
75. Ω (5)	5.	.900	.150	6	1	.650	.250	.098	307-0546-00		.066	CR
75. Ω (9)	5.	1.250	.150	10	1	1.050	.250	.098	307-0545-00		.091	CR
82. Ω (5)	2.	.750	.150	6	1	.600	.250	.098	307-1334-00	A	.078	PP
82. Ω (7)	2.	1.000	.150	8	1	.850	.250	.095	307-0792-00		.068	CR
82. Ω (9)	2.	1.250	.150	10	1	1.050	.250	.095	307-0756-00		.150	CR
100. Ω (3)	5.	.500	.125	4	1	.390	.350	.090	307-0487-00		.240	CR
100. Ω (4)	2.	1.000	.300	8	4	.795	.250	.098	307-0717-00		.068	CR
100. Ω (5)	2.	1.125	.200	10	4	.995	.195	.090	307-1203-00		.370	CR
100. Ω (5)	5.	.900	.125	6	1	.650	.250	.098	307-0488-00	A	.060	CR
100. Ω (7)	5.	1.000	.150	8	1	.850	.250	.095	307-0489-00	A	.068	CR
100. Ω (9)	5.	1.125	.150	10	1	1.050	.250	.098	307-0486-00		.085	CR
120. Ω (9)	2.	1.125	.150	10	1	1.050	.250	.095	307-0832-00		.099	CR
150. Ω (4)	2.	1.000	.300	8	4	.795	.250	.090	307-0824-00	A	.130	CR
150. Ω (7)	5.	1.000	.150	8	1	.850	.250	.090	307-0611-00		.135	CR
150. Ω (9)	2.	1.250	.200	10	1	1.050	.250	.098	307-0695-00		.130	CR
160. Ω (5)	2.	.750	.150	6	1	.600	.250	.098	307-1335-00		.078	PP
160. Ω (6)	2.	.750	.150	7	1	.600	.250	.098	307-1337-00	U		DL
160. Ω (7)	2.	.750	.150	8	1	.790	.250	.098	307-1363-00		.130	PP
180. Ω (9)	2.	1.700	.190	10	1	.990	.195	.090	307-1310-00		.085	CR
220. Ω (4)	2.	.750	.190	5	1	.490	.195	.090	307-1474-00		.060	PP
220. Ω (5)	2.	.750	.150	6	1	.650	.250	.095	307-0790-00		.060	CR
220. Ω (7)	2.	1.000	.125	8	1	.850	.265	.098	307-0594-00		.068	CR
220. Ω (9)	2.	1.250	.150	10	1	1.050	.250	.098	307-0592-00		.085	CR
220. Ω, 330. Ω (4 ea.)	2.	.950	.125	6	5	.590	.195	.090	307-1475-00		.120	PP
240. Ω (4)	2.	1.200	.300	8	4	.790	.250	.090	307-0895-00			DL
240. Ω (4)	2.	.750	.150	5	1	.498	.250	.098	307-1336-00		.070	PP

^a The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

RESISTOR NETWORK SINGLE IN-LINE (PURCHASED) (cont)

Resistance	Tolerance ± %	Watts		Pins	Figure	Maximum Dimensions			Part Number	Codes ^a		
		Package	Each Resistor			A	B	C		ND	Cost	ST
270. Ω (10)	2.	1.900	.190	11	1	1.125	.250	.090	307-0738-00		.190	CR
330. Ω (2)	2.	.600	.300	4	4	.390	.190	.090	307-0942-00		.083	CR
330. Ω (4)	5.	1.200	.300	8	4	.790	.195	.090	307-0992-00		.068	CR
330. Ω (4)	2.	1.200	.300	8	4	.790	.250	.090	307-0896-00			DL
330. Ω (7)	2.	1.000	.150	8	1	.850	.250	.100	307-0598-00		.068	CR
330. Ω (9)	2.	1.200	.300	10	1	.995	.250	.090	307-0897-00		.151	CR
330. Ω (10)	2.	3.000	.300	11	1	1.090	.250	.090	307-0930-00		.190	CR
390. Ω (9)	5.	1.250	.150	10	1	1.050	.250	.098	307-0548-00		.110	CR
390. Ω (10)	2.	1.900	.190	11	1	1.125	.250	.090	307-0736-00		.300	CR
430. Ω (9)	2.	1.250	.150	10	1	1.050	.250	.090	307-0674-00		.150	CR
470. Ω (7)	2.	1.000	.150	8	1	.850	.250	.098	307-0605-00		.068	CR
470. Ω (9)	2.	2.000	.150	10	1	1.050	.250	.098	307-0591-00		.510	CR
510. Ω (2)	2.	.600	.300	4	4	.390	.190	.090	307-0943-00		.083	CR
510. Ω (4)	5.	.800	.200	8	4	.795	.250	.098	307-1216-00		.068	CR
510. Ω (5)	10.	.750	.150	6	1	.650	.250	.095	307-0526-00		.062	CR
510. Ω (7)	10.	1.000	.150	8	1	.850	.250	.098	307-0539-00		.088	CR
510. Ω (9)	20.	1.250	.150	10	1	1.050	.250	.098	307-0503-00		.088	CR
680. Ω (4)	5.	.800	.200	8	4	.795	.250	.098	307-1330-00		.068	CR
680. Ω (9)	2.	1.250	.150	10	1	1.050	.250	.090	307-0739-00		.085	CR
1. kΩ (4)				8					307-1359-00		.250	CR
1. kΩ (5)	2.	1.500	.300	10	4	1.050	.195	.090	307-0888-00		.085	CR
1. kΩ (5)	10.	.750	.150	6	1	.650	.263	.095	307-0540-00		.070	CR
1. kΩ (7)	10.	1.000	.125	8	1	.850	.250	.100	307-0541-00		.068	CR
1. kΩ (7) Sel.	10.	1.000	.125	8	1	.850	.250	.100	307-0541-01			DL
1. kΩ (9)	2.	1.250	.150	10	1	1.050	.250	.100	307-0675-00		.150	CR
1. kΩ (15)	1.	2.250	.150	16	3	1.700	.400	.100	307-0928-00		1.050	CR
1. kΩ, 9. kΩ (1 ea.)	1.		.100	4	4	.520	.520	.096	307-1323-00		5.630	PP
1.2 kΩ (9)	2.	1.000	.125	10	1	1.050	.250	.095	307-1267-00		.085	CR
1.3 kΩ (10)	2.	1.900	.190	11	1	1.090	.195	.090	307-0933-00		.190	CR
1.5 kΩ (9)	1.	1.250	.150	10	1	1.050	.250	.090	307-0719-00		.150	CR
1.8 kΩ (9)	20.	1.125	.150	10	1	1.050	.250	.098	307-0502-00		.110	CR
2. kΩ (5)	2.	1.250	.150	10	4	1.050	.250	.090	307-0887-00	U	.085	CR
2. kΩ (5)	5.	.750	.125	6	1	.650	.250	.090	307-0637-00		.100	CR
2. kΩ (7)	2.	1.000	.150	8	1	.850	.250	.098	307-1096-00		.068	CR
2. kΩ, 3. kΩ (1 ea.)	1.		.100	4	4	.500	.500	.095	307-1366-00		4.360	PP
2.2 kΩ (7)	2.	1.000	.150	8	1	.850	.250	.095	307-0596-00		.068	CR
2.2 kΩ (4)									307-1480-00		.200	EN
2.2 kΩ (9)	2.	1.700	.190	10	1	.995	.195	.090	307-1175-00	U	.085	CR
2.7 kΩ (9)	5.	1.250	.150	10	1	1.050	.250	.098	307-0650-00		.085	CR
2.7 kΩ (9) Sel.	5.	1.250	.150	10	1	1.050	.250	.090	307-0650-01			NP
3. kΩ (7)	2.	1.000	.180	8	1	.850	.250	.098	307-0732-00	U		DL
3.3 kΩ (5)	5.	.750	.150	6	1	.650	.250	.098	307-0651-00		.060	CR
3.3 kΩ (7)	2.	1.000	.190	8	1	.850	.250	.098	307-0741-00		.068	CR
3.3 kΩ (9)	2.	1.700	.190	10	1	.995	.195	.090	307-1174-00	U	.085	PP
4.7 kΩ (4)				8					307-1360-00		.250	CR
4.7 kΩ (4)	2.	.800	.200	8	4	.795	.250	.095	307-0707-00		.130	CR
4.7 kΩ (7)									307-1482-00		.200	EN
4.7 kΩ (9)	20.	1.250	.150	10	1	1.050	.250	.095	307-0445-00		.085	CR
5.6 kΩ (7)	2.	1.000	.150	8	1	.850	.250	.098	307-0595-00		.068	CR
6.2 kΩ (10)	2.	1.900	.190	11	1	1.125	.250	.090	307-0737-00		.300	CR
6.8 kΩ (7)	2.	1.000	.150	8	1	.850	.250	.098	307-0597-00		.068	CR
8.2 kΩ (4)				8					307-1358-00		.510	CR
10. kΩ (4)	2.	.800	.200	8	4	.850	.250	.090	307-0706-00		.130	CR

^a The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

RESISTOR NETWORK SINGLE IN-LINE (PURCHASED) (cont)

Resistance	Tolerance ± %	Watts		Pins	Figure	Maximum Dimensions			Part Number	Codes ^a		
		Package	Each Resistor			A	B	C		ND	Cost	ST
10. kΩ (5)	5.	.750	.125	6	1	.650	.250	.098	307-0542-00		.060	CR
10. kΩ (7)	2.	1.000	.150	8	1	.850	.250	.090	307-0696-00		.068	CR
10. kΩ (9)	20.	1.125	.125	10	1	1.050	.250	.098	307-0446-00		.085	CR
10. kΩ (11)	5.	2.000	.190	12	1	1.190	.250	.090	307-1437-00	A		DL
18. kΩ (9)	2.	1.250	.150	10	1	1.050	.250	.095	307-0862-00		.110	CR
22. kΩ (5)	2.	.950	.190	6	1	.590	.195	.080	307-1415-00	A	.060	PP
22. kΩ (7)	2.	1.000	.150	8	1	.800	.250	.095	307-0453-00		.130	CR
22. kΩ (9)	2.	1.300	.190	10	1	.990	.195	.080	307-1403-00	U	.085	PP
39. kΩ (9)	2.	1.250	.150	10	1	1.050	.250	.098	307-0586-00		.085	CR
47. kΩ (7)	2.	1.000	.180	8	1	.850	.250	.098	307-0730-00		.068	CR
100. kΩ (7)	5.	1.000	.150	8	1	.850	.250	.095	307-0509-00		.068	CR
100. kΩ (9)	5.	1.125	.150	10	1	1.050	.250	.098	307-0499-00		.150	CR
150. kΩ (9)	2.	1.250	.150	10	1	1.050	.250	.098	307-0606-00		.148	CR
220. kΩ (7)	2.	1.300	.150	8	1	.850	.350	.090	307-0668-00		.150	CS
500. kΩ (9)	5.	1.250	.150	10	1	1.050	.250	.090	307-0673-00	U	.160	CS
1. MΩ (7)	5.	1.000	.150	8	1	.850	.250	.095	307-0549-00		.150	CS
1. MΩ (9)	5.	1.700	.190	10	1	.990	.195	.080	307-1402-00	U	.085	PP
400. Ω	.1		.250	7	1	1.150	.770	.270	307-1281-00		9.940	CR
4. kΩ	.1											
40.04 kΩ	.1											
404. kΩ	.1											
4.444 MΩ	.1											
40. MΩ	.5											

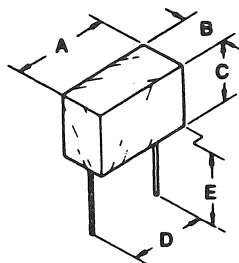
^a The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

MULTI VALUES

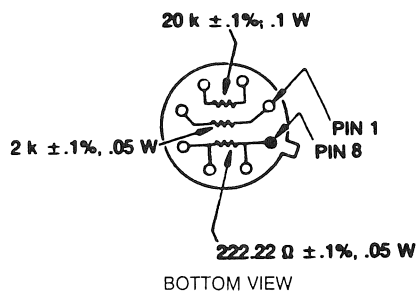
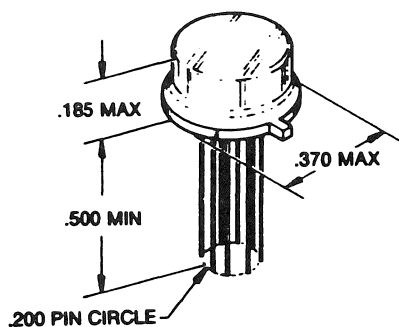
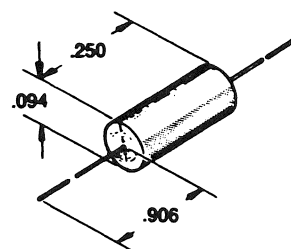
Resistance	Tolerance ± %	Pins	Figure	Maximum Dimensions			Part Number	Codes ^a		
				A	B	C		ND	Cost	ST
.9 Ω, 9.9 Ω, 99.9 Ω, 999.9 Ω (1 Each)	.25	6	9	1.170	.600	.090	307-0934-00		2.150	CR
81. Ω, 130. Ω (8 Each)	2.	10	5	1.050	.250	.095	307-0818-00		.230	CR
160. Ω, 240. Ω (6 Each)	2.	8	5	.800	.250	.100	307-1266-00		.193	CR
220. Ω, 330. Ω, (8 Each)	2.	10	9	.990	.195	.090	307-1217-00		.140	CR
232. Ω, 348. Ω, 576. Ω, 806. Ω (1 Each), 475. Ω (3)	.5	8	1	.800	.350	.065	307-0998-00	A	.650	CR
330. Ω, 390. Ω (8 Each)	2.	10	5	.990	.195	.090	307-0993-00		.530	CR
330. Ω, 470. Ω (8 Each)	2.	10	5	1.050	.250	.098	307-1222-00		.240	EN
1. kΩ, 9. kΩ (1 Each)	5.	3	3	.315	.400	.150	307-0765-00		1.720	CR
1. kΩ, 9. kΩ, 90. kΩ, 900. kΩ, 9. MΩ (1 Each)	.5	6	3	1.140	.640	.205	307-0352-00		58.000	CS
1. kΩ, 9. kΩ, 90. kΩ, 900. kΩ, 9. MΩ (1 Each)	.1	6	8	2.020	.700	.090	307-0849-00	U	6.810	CR
1.65 kΩ, 6.4488 kΩ (1 Each)	.25	4	4	.520	.700	.105	307-1155-00		7.010	CR
9. MΩ, 900. kΩ, 90. kΩ, 10. kΩ (1 Each)	+0 - .5	8	6	1.720	.770	.090	307-1134-00		7.060	CR
9.9 MΩ, 90. kΩ, 10. kΩ (1 Each)	.25	4	5	1.520	.700	.090	307-0644-00		5.140	CR
9.9 MΩ, 90. kΩ, 10. kΩ (1 Each)	.25	4	5	1.520	.700	.090	307-0769-00		5.480	CR

^a The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

RESISTOR - CAPACITOR NETWORK



Maximum Dimensions					Resistance Capacitance /Value	Tolerance ± %	Voltage Rating	Part Number	Codes ^a		
A	B	C	D	E					ND	Cost	ST
1.090	.440	.630	.930	.750 Min	.1 μ F @ 25°C, 1 kHz 22. Ω	20. 10.	250 VAC	119-1168-00		.890	CR
1.280	.630	.865	.930	.750 Min	.5 μ F @ 25°C, 1 kHz 22. Ω	10. 10.	250 VAC	285-1244-00		1.390	CR

PRECISION RESISTOR
NETWORK307-0891-00 COST^a: 17.150 ST^a: CRResistance Ratio Match \pm .005%
Temperature Coefficient Ratio Match \pm 5 ppm/°C0 OHM RESISTOR
(DUMMY)131-0566-00 COST^a: .004 ST^a: CR

^a The nominal price (at time of printing) is listed in the cost column or as COST. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

RESISTOR NETWORK
DUAL IN-LINE (PURCHASED)

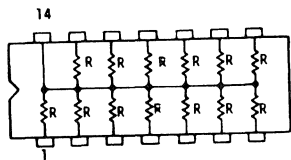
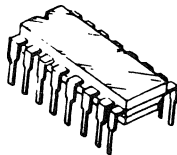


FIGURE 1

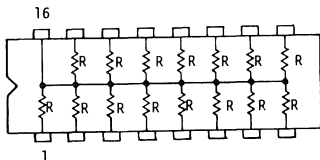


FIGURE 2

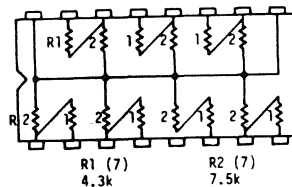


FIGURE 3

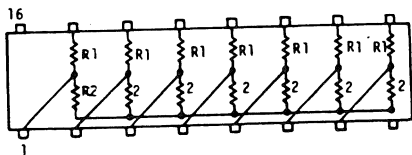


FIGURE 4

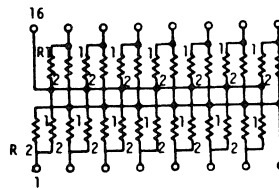


FIGURE 5

R1 (7)	R2 (7)	Part Number	Codes ^a			R1 (14)	R2 (14)	Part Number	Codes ^a		
			ND	Cost	ST				ND	Cost	ST
800. Ω 500. Ω	400. Ω 250. Ω	307-0367-00 307-0368-00		.720 1.500	CS CR	180. Ω 220. Ω 330. Ω	390. Ω 330. Ω 680. Ω	307-0547-00 307-0658-00 307-0676-00		.300 .320 .280	CR CR CR

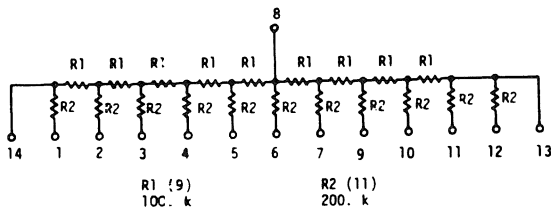


FIGURE 6

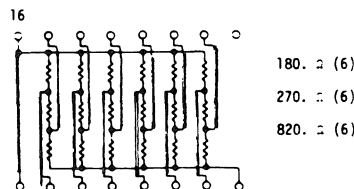


FIGURE 7

^a The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

RESISTOR NETWORK DUAL IN-LINE (PURCHASED) (cont)

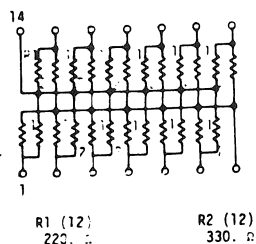


FIGURE 8

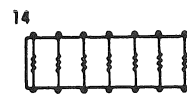


FIGURE 9A

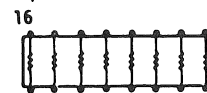


FIGURE 9B

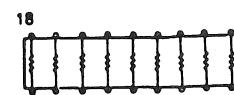


FIGURE 9C

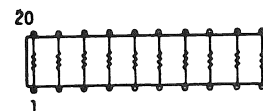


FIGURE 9D

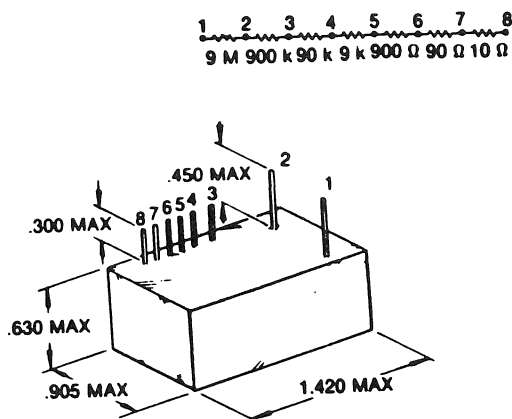


FIGURE 10

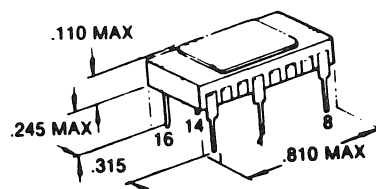
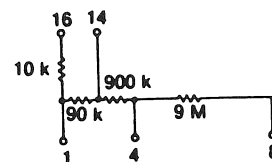


FIGURE 11

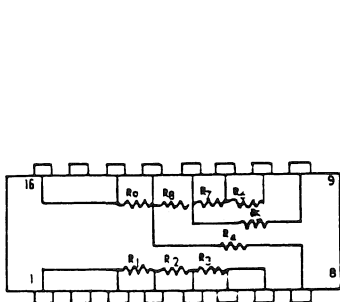


FIGURE 12

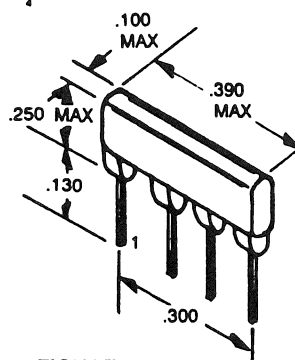
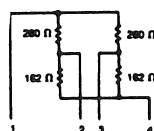


FIGURE 13

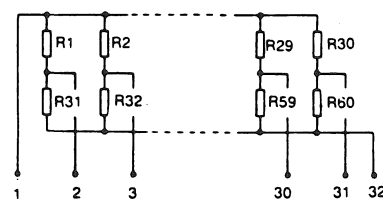


FIGURE 14

RESISTOR NETWORK DUAL IN-LINE (PURCHASED) (cont)

Resistance	Tolerance ± %	Watts		Pins	Fig	Part Number	Codes ^a		
		Package	Each Resistor				ND	Cost	ST
5. mΩ (8)	-50 +150	1.250	.125	16	9B	307-1137-00	U	.440	CR
5. mΩ (10)				20	9D	307-1151-00		.570	CR
10. Ω (8)		2.400	.300	16	9B	307-1223-00		.160	CR
15. Ω (8)		1.600	.250	16	9B	307-1385-00		.155	CR
27. Ω (8)		2.400	.300	16	9B	307-1104-00	A	.155	CR
33. Ω (8)	2.	1.250	.125	16	9B	307-0649-00		.155	CR
51. Ω (8)	2.	2.400	.125	16	9B	307-1430-00		.155	CR
51. Ω (15)	2.	2.250	.150	16	9B	307-1307-00		.155	CR
62. Ω (8)	2.	2.400	.300	16	9B	307-1339-00		.160	CR
82. Ω (15)	2.	2.250	.150	16	2	307-1321-00		.160	CR
100. Ω (8)	2.	1.250	.125	16	9B	307-0648-00		.155	CR
100. Ω (8)	2.	1.800	.250	16	9B	307-1370-00		.155	CR
100. Ω (13)	2.	1.000	.125	14	1	307-0393-00		.155	CR
110. Ω (8)	2.	1.250	.125	16	9B	307-1220-00			DL
120. Ω (13)	2.	1.000	.125	14	1	307-0362-00		.220	CS
150. Ω (7)	5.	1.000	.125	14	9A	307-0623-00		.150	CR
150. Ω (8)	2.	1.800	.250	16	9B	307-1188-00		.360	CR
150. Ω (13)	2.	1.000	.125	14	1	307-0348-00		.360	CS
162. Ω, 260 Ω (2 Each)	2.		.125	4	13	307-1318-00		.190	CR
180. Ω, 270. Ω, 820. Ω (6 Each)	2.	2.000	.125	16	7	307-0811-00		.540	CR
180. Ω, 390. Ω (14 Each)	2.	1.500	.100	16	5	307-0547-00		.300	CR
220. Ω (8)	2.	1.000	.250	16	9B	307-0851-00		.240	CR
220. Ω (13)	2.	1.000	.125	14	1	307-0347-00		.155	CR
220. Ω (15)	2.	1.125	.125	16	2	307-0366-00		.360	CS
220. Ω, 330. Ω (12 Each)	5.	1.500	.125	14	8	307-0847-00		.260	CR
220. Ω, 330. Ω (14 Each)	5.	1.500	.125	16	5	307-0658-00		.320	CR
240. Ω (7)	2.	1.000	.125	14	9A	307-1255-00		.155	CR
250. Ω, 500. Ω (7 Each)	5.	.250	.025	16	4	307-0368-00		1.500	CR
270. Ω (8)	2.	2.250	.125	16	9B	307-1240-00		.155	CR
330. Ω (8)	2.	1.250	.125	16	9B	307-0636-00		.155	CR
330. Ω, 470. Ω (1 Each)	2.	2.250	.300 mW	32	14	307-1332-00		3.480	CR
330. Ω, 470. Ω (14 Each)	2.	2.250	.150	16	5	307-1306-00		.280	CR
330. Ω, 680. Ω (14 Each)	2.	1.500	.100	16	5	307-0676-00		.280	CR
390. Ω (7)	2.	1.000	.125	14	9A	307-1256-00		.155	CR
400. Ω, 800. Ω (7 Each)	5.	.250	.025	16	4	307-0367-00		.720	CS
470. Ω (15)	2.	1.750	.125	16	2	307-0681-00		.830	CR
560. Ω (7)	2.	2.100	.300	14	9A	307-1417-00	A	.155	PP
1. kΩ (8)	2.	2.000	.250	16	9B	307-1191-00	A	.200	CR
1. kΩ (13)	2.	1.000	.125	14	1	307-0349-00		.155	CR
1. kΩ (15)	2.	1.125	.125	16	2	307-0365-00		.182	CR
1.8 kΩ (13)	2.	1.300	.125	14	1	307-0455-00		.450	CS
2. kΩ (8)	2.	1.800	.250	16	9B	307-1416-00	A	.155	PP
2. kΩ (13)	2.	1.000	.250	14	1	307-0624-00		.330	CS
2.4 kΩ (15)	5.	1.125	.125	16	2	307-0422-00		.155	CR
2.7 kΩ (8)	2.	1.250	.125	16	9B	307-0856-00		.155	CR
4.3 kΩ, 7.5 kΩ (7 Each)	5.	1.500	.150	16	3	307-0406-00	U	1.500	CS
4.7 kΩ (7)	2.	1.000	.125	14	9A	307-1253-00		.155	CR
4.7 kΩ (13)	2.	1.000	.125	14	1	307-0383-00		.155	CR
8.2 kΩ (13)	2.	1.000	.125	14	1	307-0387-00		.450	CR
10. kΩ (8)	2.	2.400	.300	16	9B	307-1263-00		.155	CR
10. kΩ (12)	5.		.125			307-1202-00			CR
10. kΩ (15)	2.	1.250	.125	16	2	307-0475-00		.155	CR
22. kΩ (7)	2.	1.800	.250	14	9A	307-1409-00	U		DL
47. kΩ (12), 1. kΩ (3)	2.	1.500	.125	16	2	307-0602-00		.850	CR
47. kΩ (15)	2.	1.500	.125	16	2	307-0447-00	A	.155	CR

^a The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

RESISTOR NETWORK DUAL IN-LINE (PURCHASED) (cont)

Resistance	Tolerance ± %	Watts		Pins	Fig	Part Number	Codes ^a		
		Package	Each Resistor				ND	Cost	ST
100. kΩ (8)	2.	2.400	.300	16	9B	307-1262-00		.155	CR
100. kΩ (9), 200. kΩ (11)	2.	1.600	50 mW	14	6	307-0573-00			OB
100. kΩ (15)	2.	2.250	.150	16	2	307-1261-00		.160	CR
200. kΩ (15)	2.	1.125	.125	16	2	307-0410-00		.360	CS
300. kΩ (15)	2.	1.125	.125	16	2	307-0504-00		.182	CR
1. MΩ (15)	5.	1.125	.125	16	2	307-0508-00			OB
9. MΩ, 900. kΩ, 90. kΩ, 10. kΩ (1 Each)	1.	.225		16	11	307-1092-00		48.250	CS
10. Ω (1)	.1	.225	.125	8	10	307-1015-00	U	19.600	CR
90. Ω (1)	.1		.125						
900. Ω (1)	.1		.125						
9. kΩ (1)	.1		.125						
90. kΩ (1)	.1		.250						
900. kΩ (1)	.1		.250						
9. MΩ (1)	.1		1.000						
9 kΩ (2)	10.		20.2 mW	16	12	307-1252-00	U	12.500	CR
6 kΩ (2)			10 mW						
1.11 kΩ (2)			10 mW						
12 kΩ (1)			5 mW						
1 kΩ (1)			10 mW						

^a The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

RESISTOR NETWORK
0 OHM RESISTOR/PROGRAMMABLE SHUNT

Part Number	Codes ^a			Pins	Figure
	ND	Cost	ST		
307-1364-00			DL	16	9B
307-1365-00		.456	CS	14	9A
307-1398-00		.410	CR	18	9C

^a The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

SURFACE MOUNTABLE

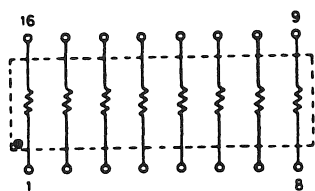
RESISTOR NETWORK
DUAL IN-LINE

FIGURE 1

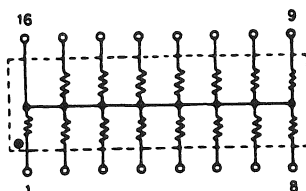


FIGURE 2

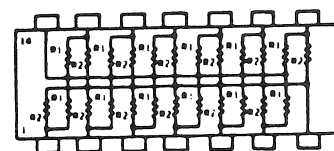
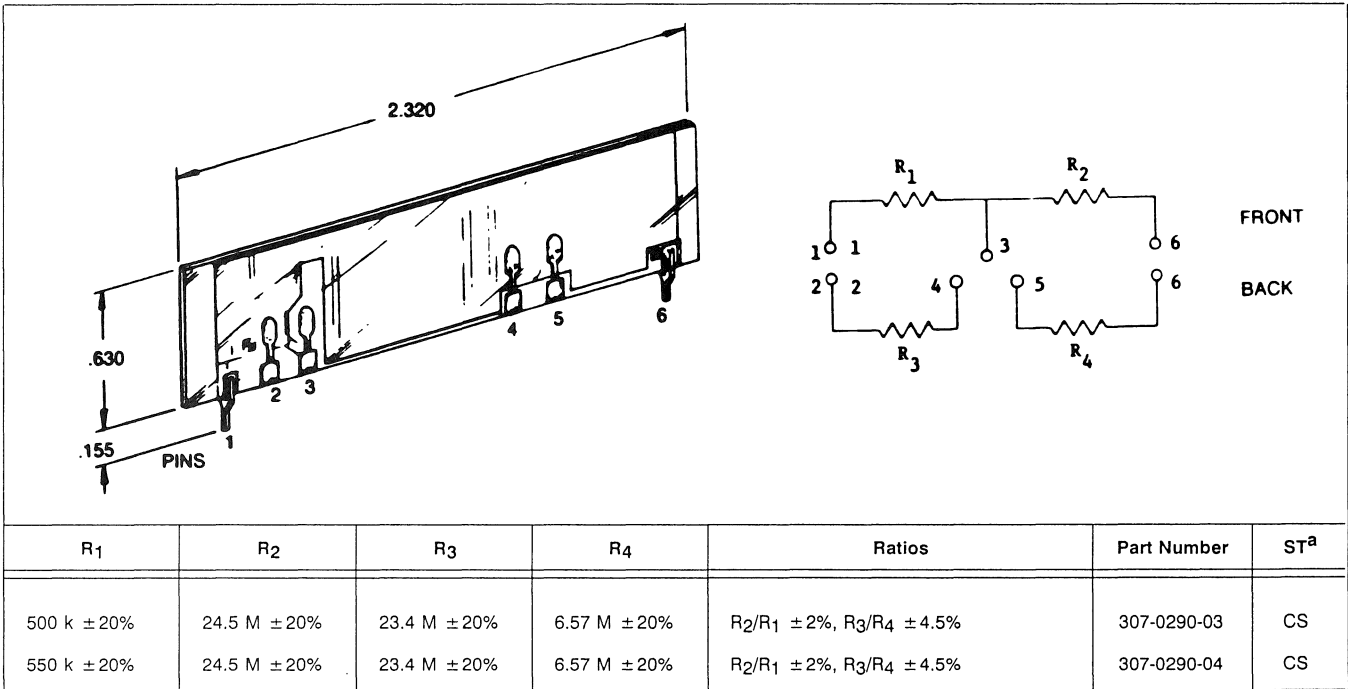
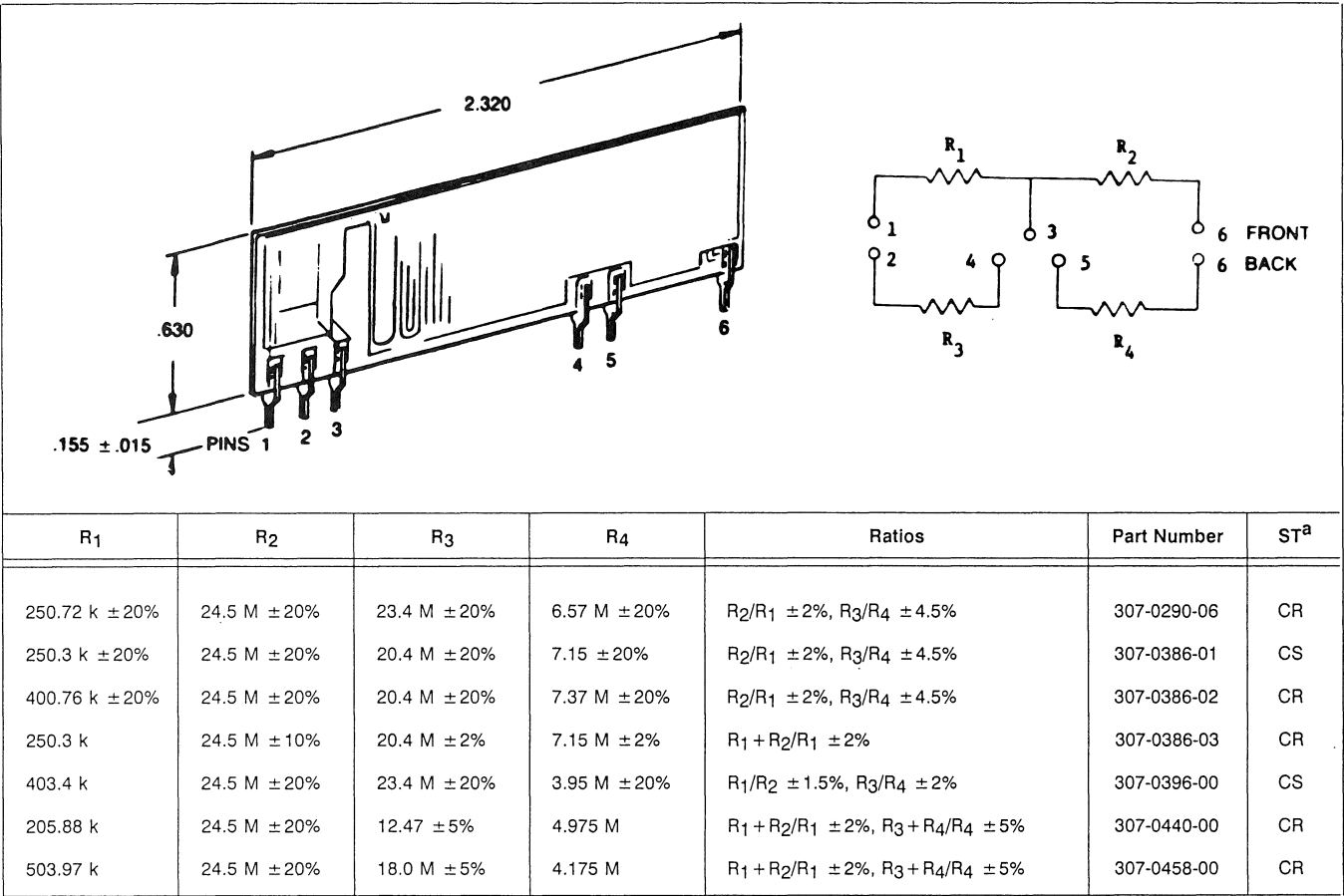


FIGURE 3

Resistance	Tolerance ± %	Watts		Contacts	Fig	Part Number	Codes ^a		
		Package	Each Resistor				ND	Cost	ST
33. Ω (8)	2.	.750	.250	16	1	307-5040-00		.400	PP
47. Ω (1)	2.	.500	.0625	16	1	307-5029-00		.620	CR
51. Ω (1)	2.	.750	.250	16	1	307-5002-00		.620	CR
56. Ω (8)	2.	.750	.250	16	3	307-5031-00			DL
100. Ω (1)	5.	.500	.0312	16	2	307-5030-00		.620	CR
100. Ω (8)	2.	.750	.250	16	3	307-5042-00	A		EN
180. Ω (19)	2.	2.000	.160	20	3	307-5044-00	U	.950	EN
220. Ω, 300. Ω (12 Each)	2.	.750	.125	14	3	307-5003-00		.680	CR
270. Ω (8)	2.	1.875	.250	16	3	307-5045-00	N	1.030	EN
375. Ω (1)	1.	.750	.125	16	3	307-5004-00			DL
470. Ω (15)	2.	1.875	.250	16	3	307-5046-00	U	1.030	EN
510. Ω (15)	2.	.750	.125	16	2	307-5019-00		.620	PP
562. Ω (1)	2.	.750	.125	16	3	307-5027-00			DL
820. Ω (19)	2.	2.000	.160	20	3	307-5047-00	A	.950	EN
1. kΩ (1)	2.	.750	.125	16	2	307-5001-00			DL
3.3 kΩ (19)	2.	2.000	.160	20	3	307-5048-00	A	.950	EN
4.7 kΩ (15)	2.	.750	.125	16	2	307-5041-00			EN
10. kΩ (8)	1.	1.875	.250	16	1	307-5020-00		.770	EN
15. kΩ (1)	2.	.750	.125	16	3	307-5028-00			DL

^a The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

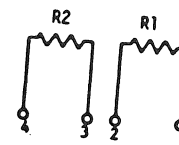
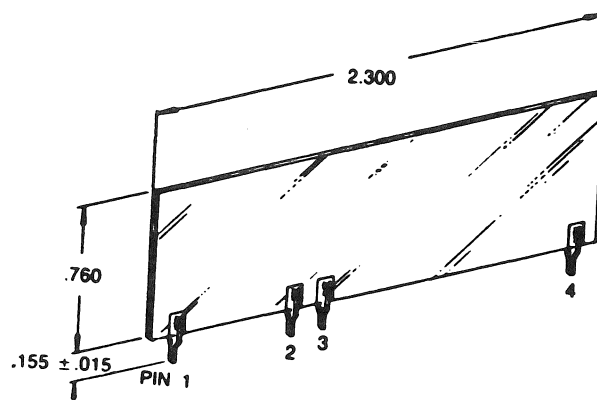
RESISTOR, FIXED, THICK FILM
TEK-MADE HIGH VOLTAGE



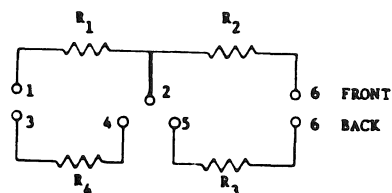
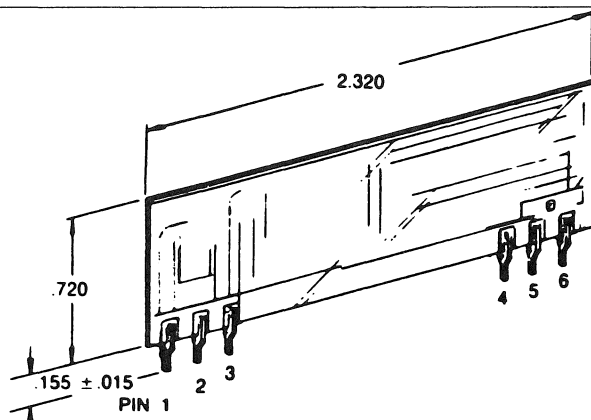
^a For Status Codes, see tab marked CODES in the back of this catalog.

RESISTOR, FIXED, THICK FILM (cont)

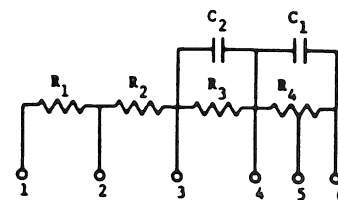
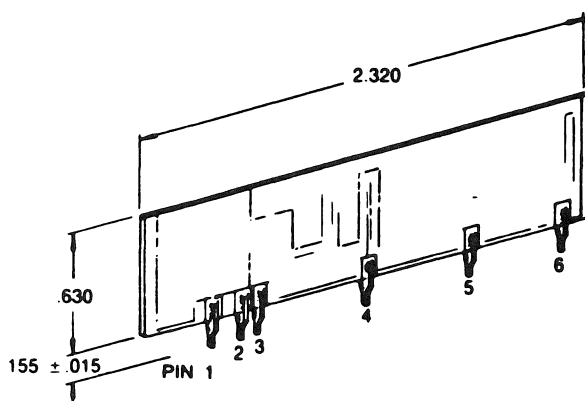
TEK-MADE HIGH VOLTAGE (cont)



R ₁	R ₂	Ratios	Part Number	ST ^a
15 M ± 2%	26.8 M ± 2%		307-0316-00	CS



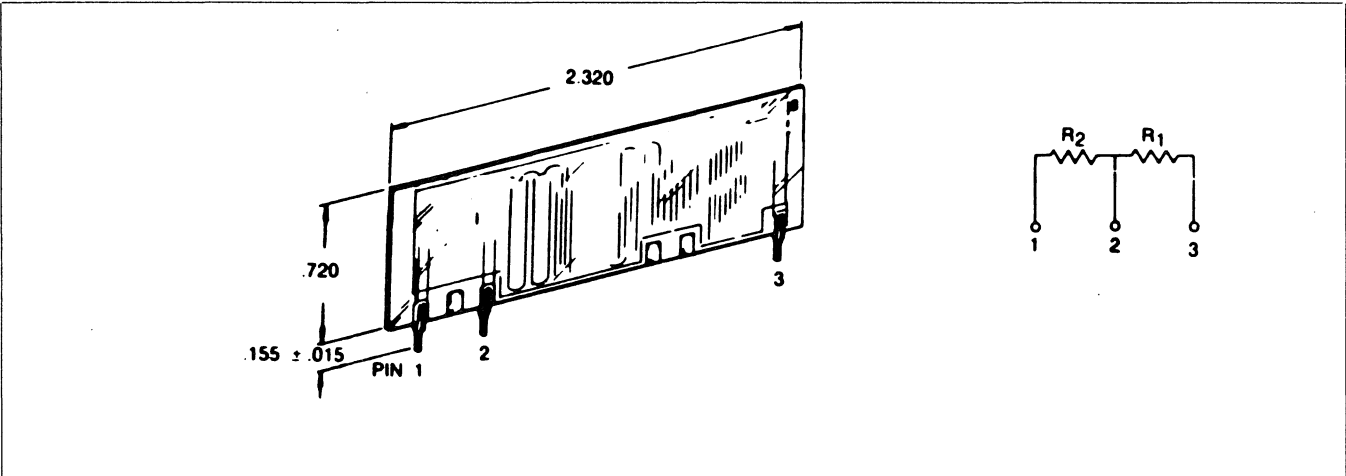
R ₁	R ₂	R ₃	R ₄	Ratios	Part Number	ST ^a
228 k	60 M ± 20%	3.67 M ± 5%	23.6 M ± 5%	R ₁ /R ₂ ± 5%	307-0333-00	CS



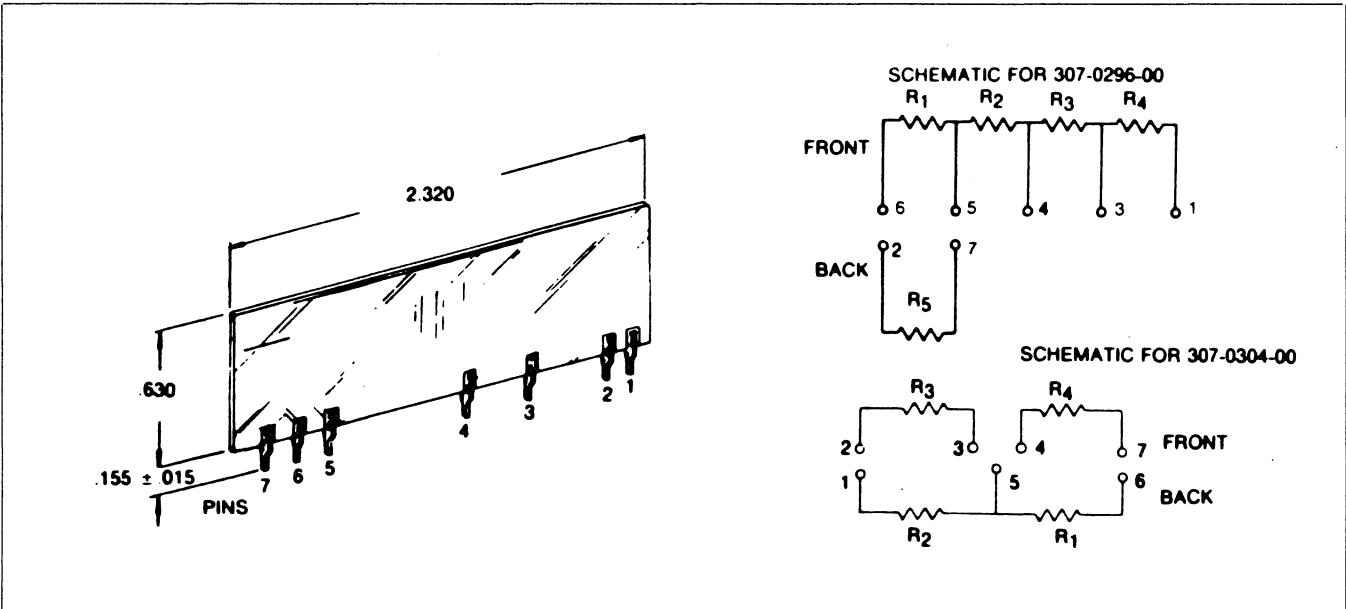
R ₁	R ₂	R ₃	R ₄	Ratios	Part Number	ST ^a
25 k ± 10%	225 k ± 10%	2.25 M ± 10%	22.5 M ± 10%		307-0363-00	CR

^a For Status Codes, see tab marked CODES in the back of this catalog.

RESISTOR, FIXED, THICK FILM (cont)
TEK-MADE HIGH VOLTAGE (cont)



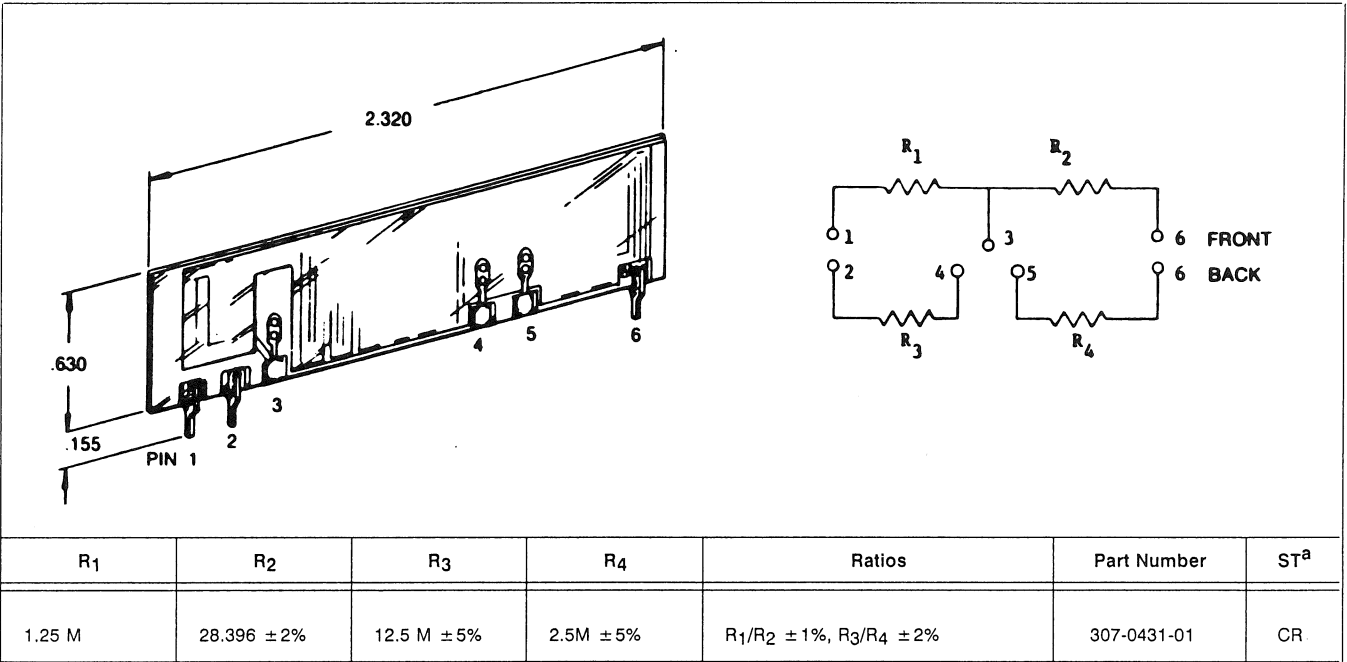
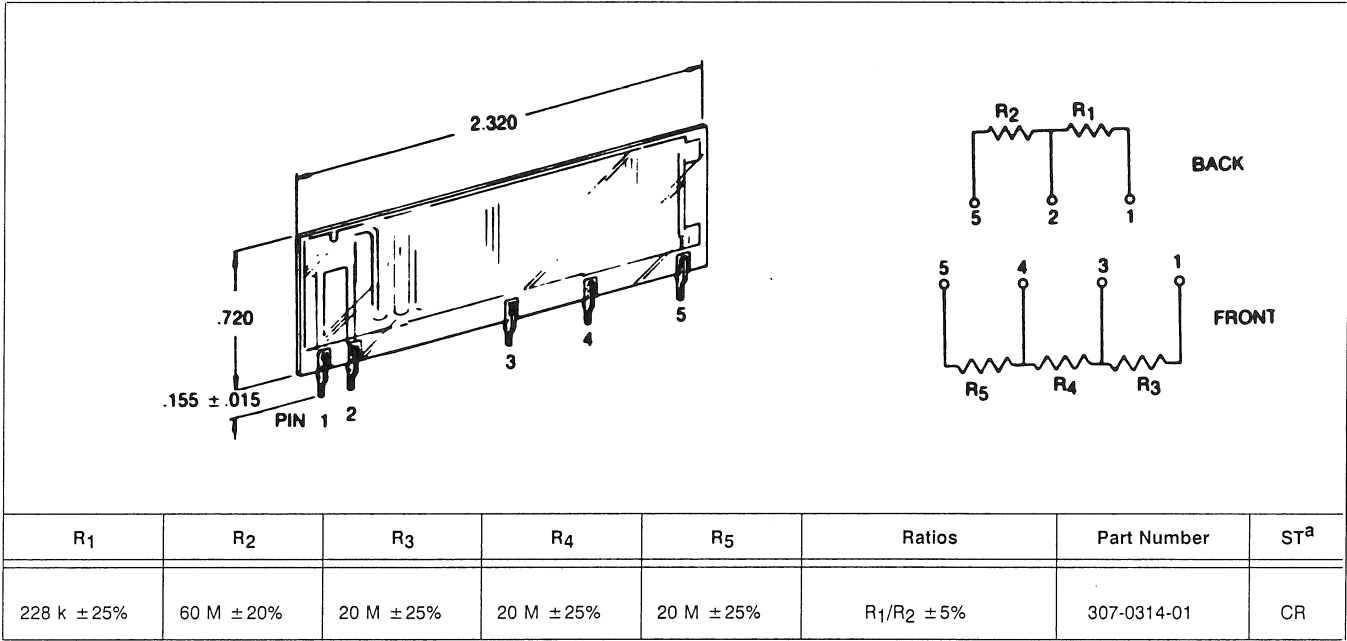
R ₁	R ₂	Ratios	Part Number	ST ^a
29.65 M ± 20%	500 k ± 20%	R ₁ /R ₂ + 1.5% -1.0%	307-0290-01	CR



R ₁	R ₂	R ₃	R ₄	R ₅	Ratios	Part Number	ST ^a
160 k ± 10%	13 M ± 10%	4 M ± 10%	2.2 M ± 10%	40 M ± 10%	R ₁ /R ₂ ± 10%	307-0296-00	CR
180 k ± 20%	20 M ± 20%	1.6 M ± 5%	14 M ± 5%			307-0304-00	CR

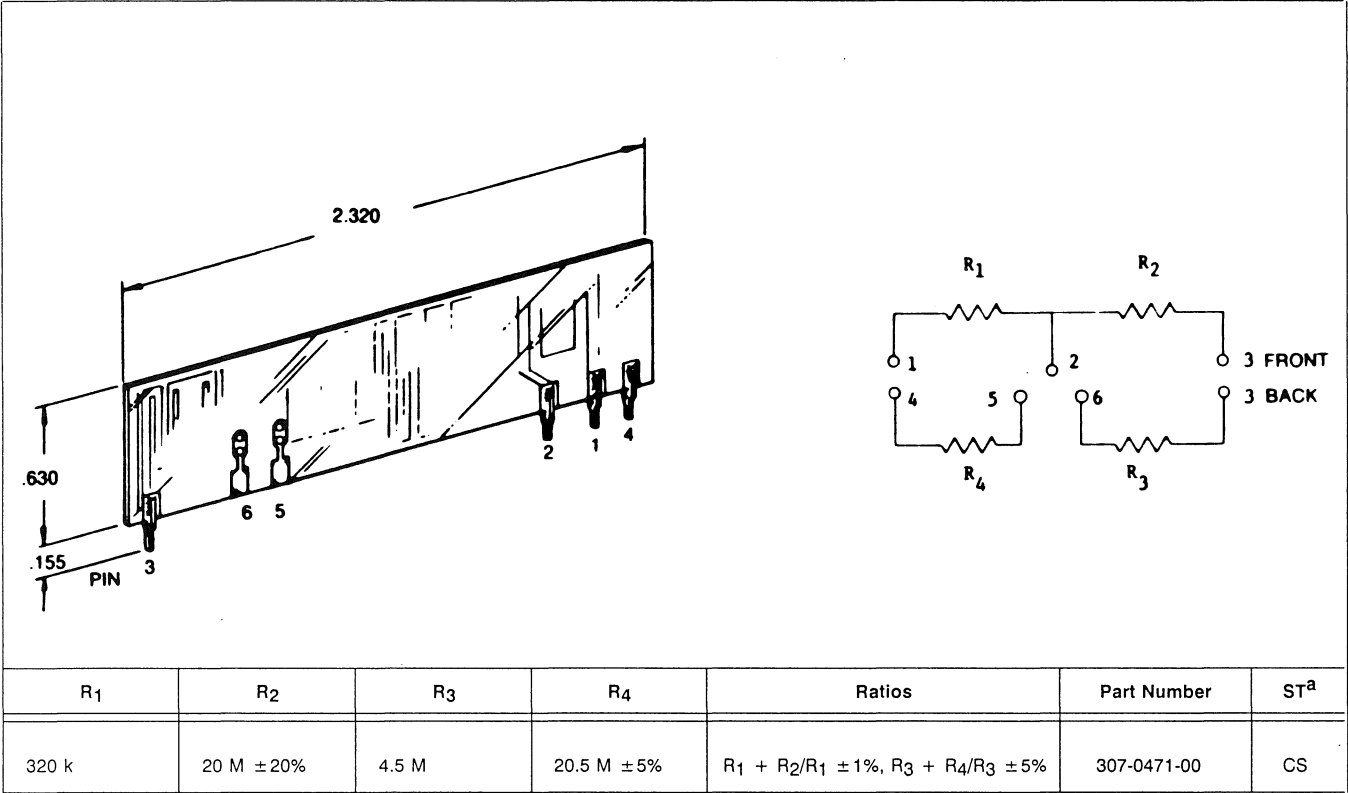
^a For Status Codes, see tab marked CODES in the back of this catalog.

RESISTOR, FIXED, THICK FILM (cont)
TEK-MADE HIGH VOLTAGE (cont)



^a For Status Codes, see tab marked CODES in the back of this catalog.

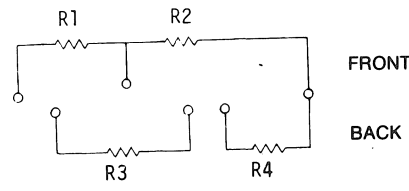
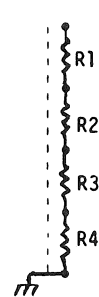
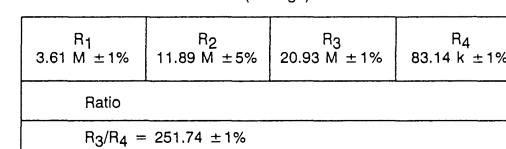
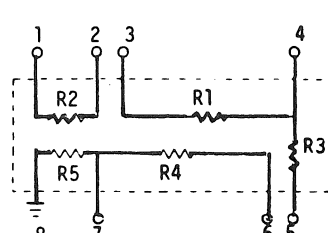
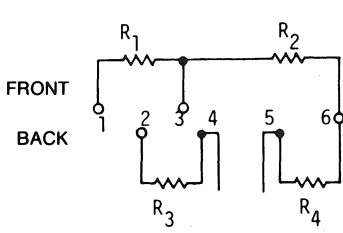
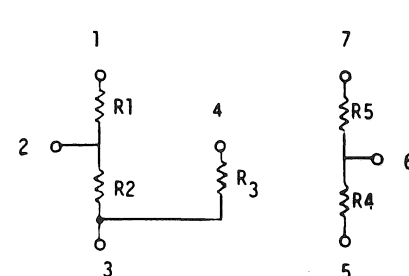
RESISTOR, FIXED, THICK FILM (cont)
TEK-MADE HIGH VOLTAGE (cont)



^a For Status Codes, see tab marked CODES in the back of this catalog.

RESISTOR, FIXED, THICK FILM (cont)

TEK-MADE HIGH VOLTAGE (cont)

307-0414-00 ST ^a : CR OUTSIDE DIMENSION 2.320 x .630					OUTSIDE DIMENSION 2.320 x .630																
																					
R_1 150 k (Matched to R_2)	R_2 39.4 M $\pm 10\%$	R_3 39 M $\pm 5\%$	R_4 11.8 M (Matched to R_3)		<table><tr><td>R_1 2.69 M $\pm 1\%$</td><td>R_2 5.0 M $\pm 5\%$</td><td>R_3 11.94 M $\pm 3\%$</td><td>R_4 68.52 k $\pm 1\%$</td></tr><tr><td colspan="4">Ratio</td></tr><tr><td colspan="4">$R_3 + R_4/R_4 = 175.25 \pm .5\%$</td></tr></table>					R_1 2.69 M $\pm 1\%$	R_2 5.0 M $\pm 5\%$	R_3 11.94 M $\pm 3\%$	R_4 68.52 k $\pm 1\%$	Ratio				$R_3 + R_4/R_4 = 175.25 \pm .5\%$			
R_1 2.69 M $\pm 1\%$	R_2 5.0 M $\pm 5\%$	R_3 11.94 M $\pm 3\%$	R_4 68.52 k $\pm 1\%$																		
Ratio																					
$R_3 + R_4/R_4 = 175.25 \pm .5\%$																					
Ratio					307-0495-02 (Storage) ST ^a : CS																
$R_1 + R_2/R_1 = 263.67 \Omega \pm 2\%$																					
$R_3 + R_4/R_4 = 4.305 \Omega \pm 5\%$					Ratio																
					$R_3/R_4 = 251.74 \pm 1\%$																
307-0274-00 ST ^a : CR OUTSIDE DIMENSION 2.000 x 1.000					307-0359-00 ST ^a : CR OUTSIDE DIMENSION 2.320 x .630																
																					
R_1 39.3 M $\pm 20\%$	R_2 140 k $\pm 20\%$	R_3 4.9 M $\pm 15\%$	R_4 29.1 M $\pm 10\%$	R_5 600 k $\pm 10\%$	R_1 412.52 k	R_2 24.5 M $\pm 20\%$	R_3 20.4 M $\pm 5\%$	R_4 4.5 M													
Ratio					Ratio																
$R_1/R_2 = 280.7 \Omega \pm 5\%$					$R_2/R_1 = 59.391 \pm 2\%$																
$R_4/R_5 = 48.5 \Omega \pm 2\%$					$R_3/R_4 = 4.533 \pm 5\%$																
307-0478-00 ST ^a : CS OUTSIDE DIMENSION 2.320 x .630																					
																					
R_1 150 k $\pm 10\%$	R_2 39.4 M $\pm 10\%$	R_3 4.9 M $\pm 5\%$	R_4 29.1 M $\pm 5\%$	R_5 600 k $\pm 5\%$																	
Ratio																					
$R_2/R_1 = 262.666 \Omega \pm 1\%$																					

^a For Status Codes, see tab marked CODES in the back of this catalog.

RESISTOR, FIXED, THICK FILM (cont)

TEK-MADE HIGH VOLTAGE (cont)

307-0572-00 ST:^a CR

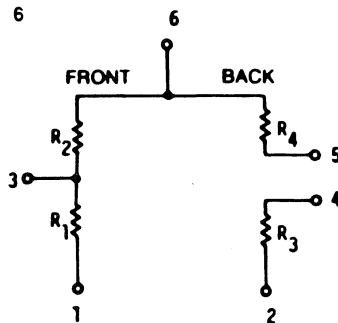
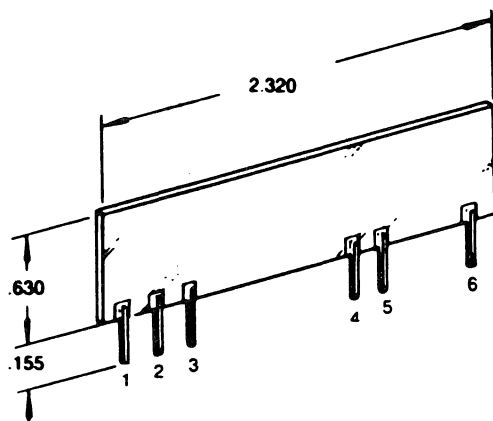
R ₁	R ₂	R ₃	R ₄
56 k ± 1%	18 M	24.6 M ± 5%	10.9 M
Ratio			
R ₁ /R ₂ = .00311 ± .5%			
R ₄ /R ₃ = .44309 ± 2%			

307-0550-00 ST:^a CS

R ₁	R ₂	R ₃	R ₄
150 k	40 M ± 10%	30 M ± 5%	15.9 M
Ratio			
R ₁ /R ₂ = .00375 ± 1%			
R ₄ /R ₃ = .530000 ± 2%			

307-0550-01 ST:^a CR

R ₁	R ₂	R ₃	R ₄
150 k	60 M ± 10%	30 M ± 5%	15.9 M
Ratio			
R ₂ /R ₁ = 400 ± 1%			
R ₃ /R ₄ = 1.8868 ± 1%			

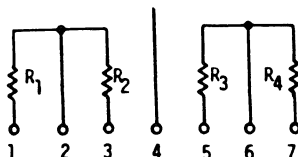


307-0551-00 ST:^a CS
OUTSIDE DIMENSIONS 2.320 x .630
SHIELD



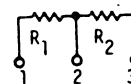
All R's .25 Ω ± 10%

307-0551-01 ST:^a CS
OUTSIDE DIMENSIONS 1.500 x .600
SHIELD



All R's .25 Ω ± 10%

307-0506-00 ST:^a CR
OUTSIDE DIMENSIONS 2.320 x .630



R ₁	R ₂
4.126 M	15.05 M
Ratio	
R ₂ /R ₁ = 3.6476 ± 5%	

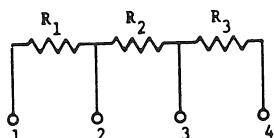
^a For Status Codes, see tab marked CODES in the back of this catalog.

RESISTOR, FIXED, THICK FILM (cont)

TEK-MADE HIGH VOLTAGE (cont)

307-0556-00 ST^a: CR

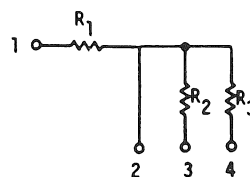
OUTSIDE DIMENSION 2.320 x .630



R ₁	R ₂	R ₃
500 k	23 k ± 20%	1 M
Ratio		
$R_1/R_2 = .021739 \pm .4\%$		
$R_3/R_2 = .043478 \pm .4\%$		

307-0505-00 ST^a: CR

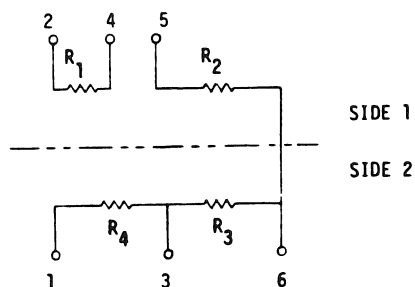
OUTSIDE DIMENSION 2.320 x .630



R ₁	R ₂	R ₃
39.35 M ± 20%	301.93 k ± 20%	346.2 k ± 20%
Ratio		
$R_1/R_2 = 103.33 \pm 1\%$		
$R_1/R_3 = 113.66 \pm 5\%$		

307-0524-00 ST^a: CS

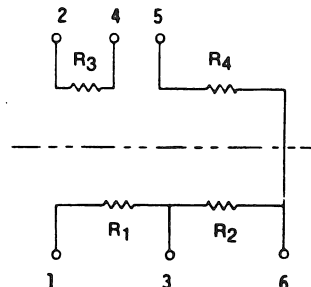
OUTSIDE DIMENSION 2.000 x 1.000



R ₁	R ₂	R ₃	R ₄
24.3 M ± 20%	15.8 M	22.6 M ± 20%	52 k
Ratio			
$R_2/R_1 + R_2 = .37529 \pm 20\%$			
$R_4/R_3 + R_4 = .00229 \pm 5\%$			

307-0635-00 ST^a: CS

OUTSIDE DIMENSION 2.320 x .630

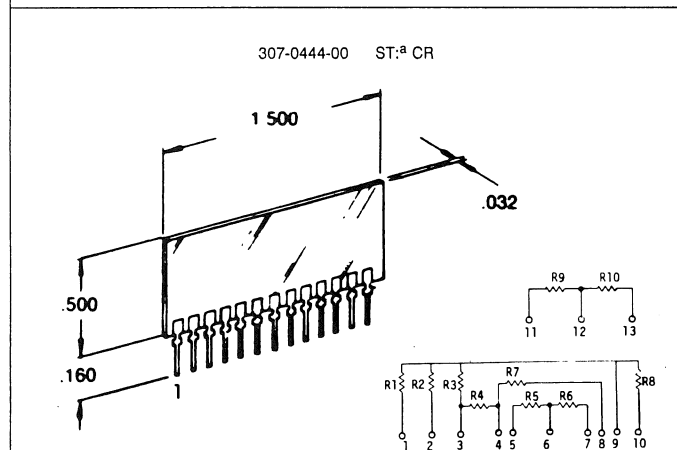
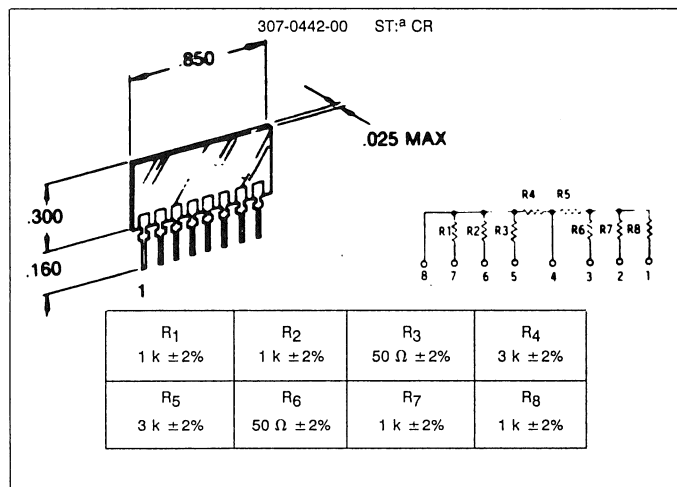


R ₁	R ₂	R ₃	R ₄
150 k	60 M	51.4 M	10.3 M
Ratio			
$R_2/R_1 = 400 \pm 1\%$			
$R_3/R_4 = 4.9903 \pm 1\%$			

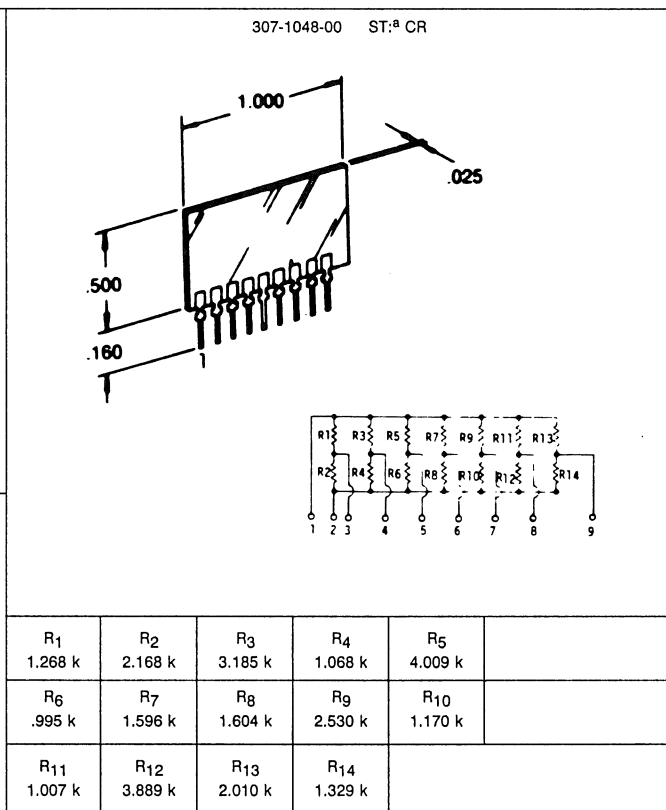
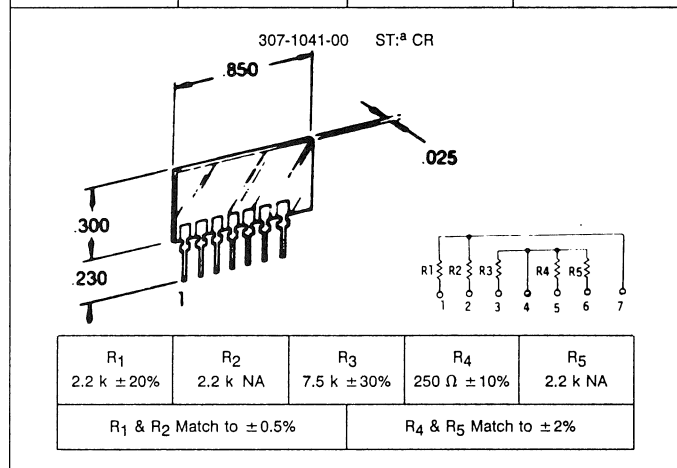
^a For Status Codes, see tab marked CODES in the back of this catalog.

RESISTOR, FIXED, THICK FILM (cont)

TEK-MADE MISCELLANEOUS

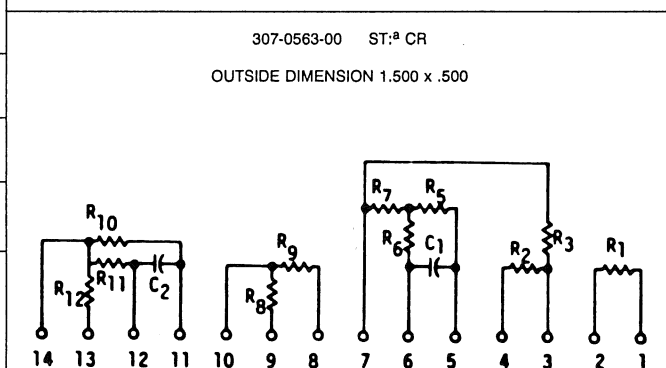


R ₁ / ₁₀ = Ratio ±1%	R ₈ / ₁₀ = Ratio ±1%	R ₆ / ₁₀ = Ratio ±1%	R ₇ / ₄ = Ratio ±1%
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All R's ±2.5%

Ratios are all ±.5%

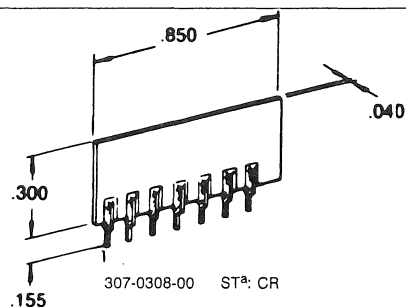
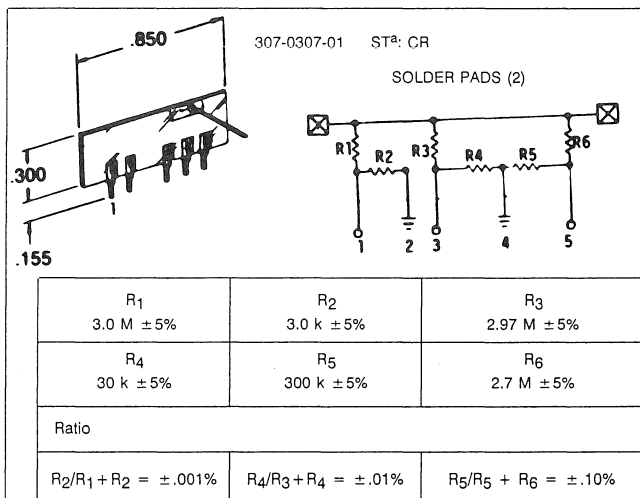
R₂/R₁, R₄/R₃, R₅/R₆, R₇/R₈, R₉/R₁₀, R₁₁/R₁₂, R₁₃/R₁₄

R ₁ 300 Ω	R ₂ 110 Ω	R ₃ 1 k	R ₅ 38 Ω	R ₆ 38 Ω	R ₇ 410 Ω	
R ₈ 130 Ω	R ₉ 130 Ω	R ₁₀ 206 Ω	R ₁₁ 206 Ω	R ₁₂ 185 Ω	All R's ±1%	
C ₁ 10 pF ±10%			C ₂ 1.8 pF ±.25%			

^a For Status Codes, see tab marked CODES in the back of this catalog.

RESISTOR, FIXED, THICK FILM (cont)

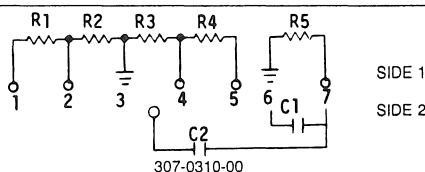
TEK-MADE MISCELLANEOUS (cont)



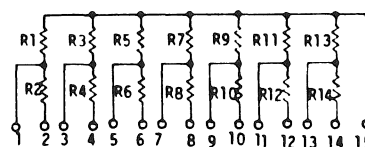
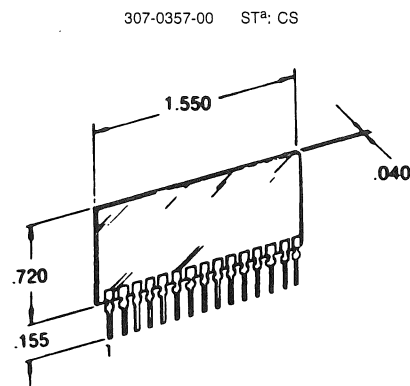
R ₁ 50 k ± 1.5%	R ₂ 50 k ± 1.5%	R ₃ 100 k ± 1.5%
R ₄ 300 k ± 1.5%	R ₅ 500 k ± 1.5%	R ₆ 1 M ± 1.5%

307-0308-01 ST^a: CR
Schematic same as 307-0308-00

R Total/R ₁ = 40:1 ± 1.5%
R Total/R ₁ + R ₂ = 20:1 ± 1.0%
R Total/R ₁ + R ₂ + R ₃ = 10:1 ± 1.0%
R Total/R ₁ + R ₂ + R ₃ + R ₄ = 4:1 ± 1%
R Total/R ₁ + R ₂ + R ₃ + R ₄ + R ₅ = 2:1 ± 1%

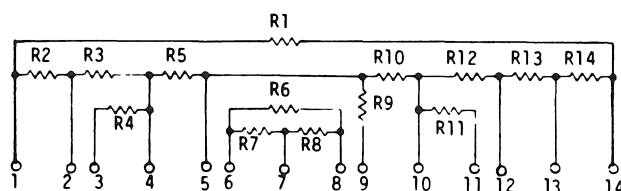
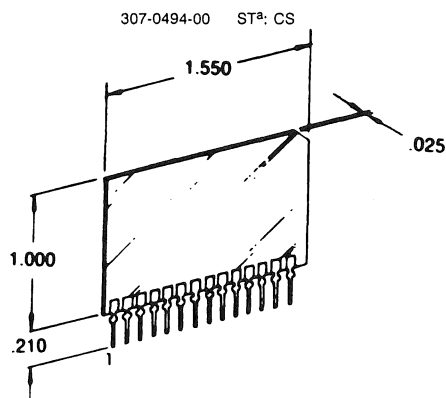


R ₁ 1.275 k ± 5%	R ₂ 1.80 k ± 5%	R ₃ 1.80 k ± 5%	R ₄ 1.3 k ± 5%	R ₅ 15 k ± 1%
C ₁ & C ₂ 6.0 pF ± 20%				
(R ₁ + 25 Ω) + R ₂ = R ₃ + R ₄ = 3.1 k ± 2%				
R ₁ + 25 Ω/(R ₁ + 25 Ω) + R ₂ = R ₄ /R ₃ + R ₄ = .4194 ± 25%				



$$R_1, R_3, R_5, R_7, R_9, R_{11}, R_{13} = 1 \text{ k} \pm 20\%$$

$$R_2, R_4, R_6, R_8, R_{10}, R_{12}, R_{14} = 300 \Omega \pm 20\%$$



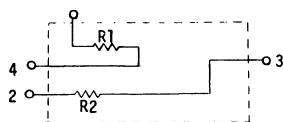
R ₁ 750 Ω ± 1%	R ₂ 1.43 k ± 1%	R ₃ 1.62 k ± 1%	R ₄ 220 Ω ± 5%	R ₅ 250 Ω ± 1%
R ₆ 230 Ω ± 1%	R ₇ 115 Ω ± 1%	R ₈ 730 Ω ± 1%	R ₉ 75 Ω ± 1%	R ₁₀ 250 Ω ± 1%
R ₁₁ 220 Ω ± 5%	R ₁₂ 1.62 k ± 1%	R ₁₃ 1.43 k ± 1%	R ₁₄ 750 Ω ± 1%	

^a For Status Codes, see tab marked CODES in the back of this catalog.

RESISTOR, FIXED, THICK FILM (cont)

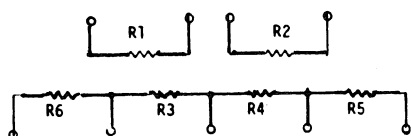
TEK-MADE MISCELLANEOUS (cont)

307-0285-00 ST^a: DL
OUTSIDE DIMENSION 2.600 x 1.525



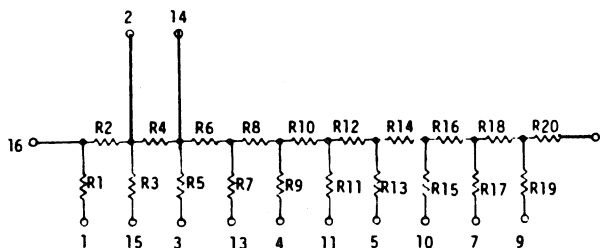
R ₁	R ₂
150 k ± 20%	184.5 M ± 20%
Ratio	
R ₁ /R ₂ = .00815 Ω ± 3%	

307-0271-00 ST^a: CS
OUTSIDE DIMENSION 2.600 x 1.525



R ₁	R ₂	R ₃	R ₄	R ₅	R ₆
80 M ± 5%	19 M ± 5%	29.45 M ± 10%	470 k ± 20%	180 k ± 20%	30 M ± 20%

307-0479-00 ST^a: CS
OUTSIDE DIMENSION 1.000 x .500

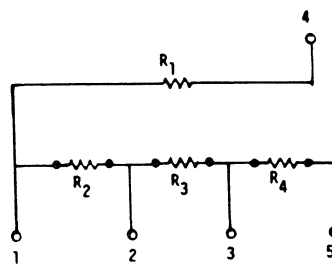


R ₁ , R ₃ , R ₅ , R ₇ , R ₉ , R ₁₁ , R ₁₃ , R ₁₅ , R ₁₇ , R ₁₉ , R ₂₀ = 80 k ± 2%		
R ₂ , R ₄ , R ₆ , R ₈ , R ₁₀ , R ₁₂ , R ₁₄ , R ₁₆ , R ₁₈ = 40 k ± 2%		
Ratio		
R ₁ /R ₃ = ±.25%	R ₃ /R ₄ = ±.5%	R ₅ /R ₆ = ±1%

307-0375-00 ST^a: CR
OUTSIDE DIMENSION .850 x .300



R₁ = 100 M ± 20%

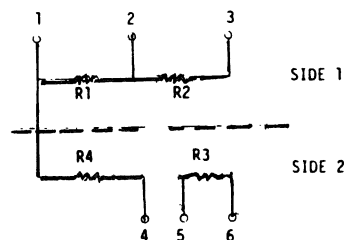


307-0204-00 ST^a: CR
DIMENSION 6.000 x 1.000

R ₁	R ₂	R ₃	R ₄
51 k ± 2% 39.2 W	235 k ± 2% 8.4 W	1.1 M ± 2% 1.8 W	5.1 M ± 2% .4 W

307-0204-01 ST^a: CR
OUTSIDE DIMENSION 6.000 x 1.000
With (4) 131-0787-00 Terminal

R ₁	R ₂	R ₃	R ₄
51 k ± 2% 39.1 W	235 k ± 2% 8.5 W	1.1 M ± 2% 1.8 W	5.1 M ± 2% .4 W



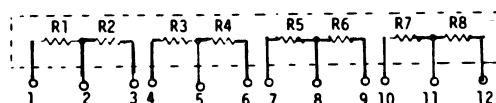
307-0490-00 ST^a: CR
OUTSIDE DIMENSION 1.500 x 1.000

R ₁	R ₂	R ₃	R ₄
25 M ± 20%	257.73 k ± 20%	17.5 M ± 10%	500 k ± 10%
Ratio			
R ₁ /R ₂ = ±.5%			

307-0490-01 ST^a: CR

R ₁	R ₂	R ₃	R ₄
25M ± 20%	146.6 k	11.2 M ± 10%	2.4 M ± 10%
Ratio			
R ₁ /R ₂ = ±.5%			

307-0344-00 ST^a: CR
OUTSIDE DIMENSION 1.250 x .630



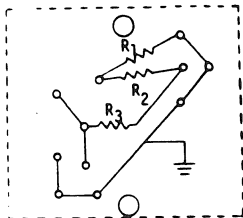
All R's 150 Ω ± 10%

^a For Status Codes, see tab marked CODES in the back of this catalog.

RESISTOR, FIXED, THICK FILM (cont)

TEK-MADE MISCELLANEOUS (cont)

307-0397-00 ST^a: CS
50 Ω BRIDGE
OUTSIDE DIMENSION 1.000 x 1.000

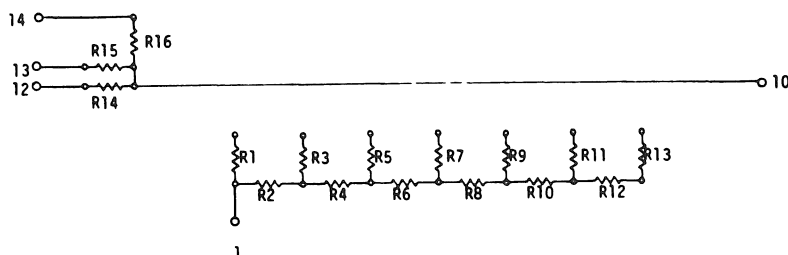


$R_1, R_2, R_3 = 50 \Omega \pm 3\%$

Ratio

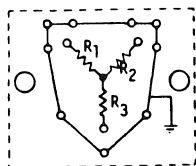
R_1, R_2, R_3 , within $\pm .5\%$

307-0461-00 ST^a: CR
OUTSIDE DIMENSION .700 x .640



R_1 25 k	R_2 314 Ω	R_3 22.4 k	R_4 324 Ω	R_5 20.22 k	R_6 330 Ω	R_7 18.28 k	R_8 339 Ω
R_9 16.63 k	R_{10} 265 Ω	R_{11} 15.2 k	R_{12} 386 Ω	R_{13} 14.11 k	R_{14} 5.5 k	R_{15} 25 k	R_{16} 5.5 k
All R's $\pm 2\%$							

307-0378-00 ST^a: CS
POWER DIVIDER
OUTSIDE DIMENSION 1.000 x 1.000

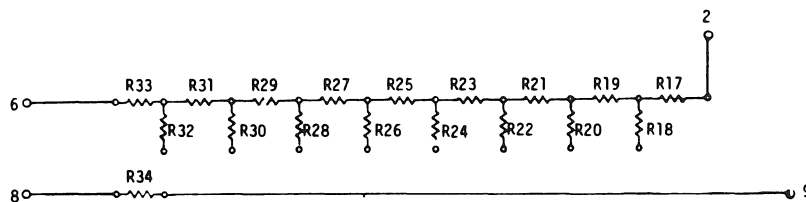


$R_1, R_2, R_3 = 16.67 \Omega \pm 3\%$

Ratio

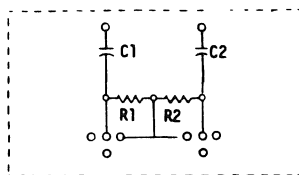
R_1, R_2, R_3 , within $\pm .5\%$

307-0462-00 ST^a: CR
OUTSIDE DIMENSION .700 x .640



R_{17} 890 Ω	R_{18} 49.3 k	R_{19} 50 Ω	R_{20} 44.36 k	R_{21} 464 Ω	R_{22} 49.11 k	R_{23} 407 Ω	R_{24} 36.14 k	R_{25} 353 Ω
R_{26} 32.69 k	R_{27} 307 Ω	R_{28} 27.69 k	R_{29} 268 Ω	R_{30} 24.21 k	R_{31} 234 Ω	R_{32} 17.94 k	R_{33} 2.03 k	R_{34} 5 k
All R's $\pm 1\%$								

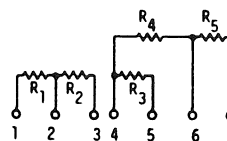
307-0377-00 ST^a: CS
OUTSIDE DIMENSION 2.000 x 1.000



$R_1, R_2 = 69 \Omega \pm 1.4\%$

$C_1, C_2 = 1 \mu F \pm 20\%$

307-0311-00 ST^a: OB
OUTSIDE DIMENSION .850 x .300



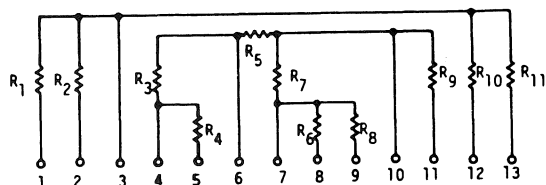
R_1 39 k $\pm 5\%$	R_2 12 k $\pm 5\%$	R_3 800 $\Omega \pm 5\%$	R_4 4 k $\pm 5\%$	R_5 6 k $\pm 5\%$
Ratio				
$R_4/R_3 = \pm 2\%$				

^a For Status Codes, see tab marked CODES in the back of this catalog.

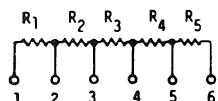
RESISTOR, FIXED, THICK FILM (cont)

TEK-MADE MISCELLANEOUS (cont)

307-1079-00 ST^a: CS
OUTSIDE DIMENSION 1.300 x .350



R ₁ 890 Ω ± 5%	R ₂ 70 Ω ± 1%	R ₃ 715 Ω ± 1%	R ₄ 2 k ± 1%	R ₅ 1.546 k	R ₆ 14.3 k ± .3%
R ₇ 2 k ± 1%	R ₈ 70 Ω ± 1%	R ₉ 249.5 Ω	R ₁₀ 32.2 k ± .3%	R ₁₁ 864.4 Ω	
Ratio					
R ₃ /R ₅ = .46248 ± .1%					
R ₃ /R ₉ = 2.86573 ± .1%					
R ₃ /R ₁₁ = .82716 ± .1%					



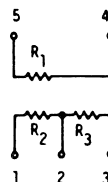
307-0309-01 ST^a: OB
OUTSIDE DIMENSION .850 x .300

R ₁ 180 Ω ± 5%	R ₂ 283 Ω ± 1.5%	R ₃ 915 Ω ± 1.5%	R ₄ 1.86 k ± 1.5%	R ₅ 4.2 k ± 1.5%
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307-0395-00 ST^a: CR
OUTSIDE DIMENSION .850 x .300

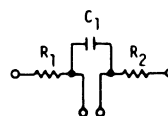
R ₁ 290.5 Ω ± 1%	R ₂ 318.2 Ω ± 1%	R ₃ 1.040 k ± 1%	R ₄ 2.078 k ± 1%	R ₅ 6.232 k ± 1%
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307-0283-01 ST^a: OB
OUTSIDE DIMENSION 2.350 x .600



R ₁ 19 M ± 3%	R ₂ 30.172 M ± 10%	R ₃ 650 k ± 10%
Ratio		
R ₂ /R ₃ = 46.419 ± 1.5%		

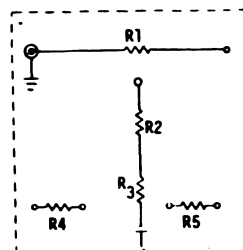
307-0376-00 ST^a: CS



R₁, R₂ = 182.5 Ω ± 1%

C₁ = 1 μF ± 20%

307-0459-00 ST^a: CR
OUTSIDE DIMENSION 1.000 x 1.000



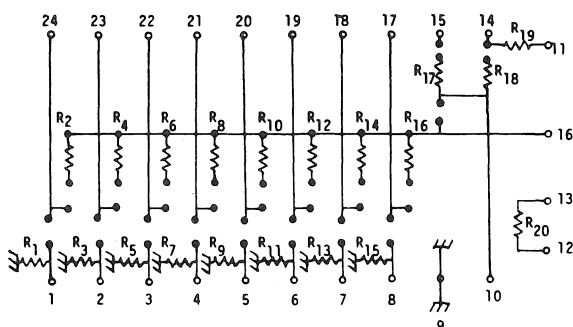
R ₁ 50 Ω ± 1%	R ₂ *	R ₃ 9 k ± 5%	R ₄ 20 Ω ± 20%	R ₅ 20 Ω ± 20%
* Exact value determined by functional testing of hybrid.				

^a For Status Codes, see tab marked CODES in the back of this catalog.

RESISTOR, FIXED, THICK FILM (cont)

TEK-MADE MISCELLANEOUS (cont)

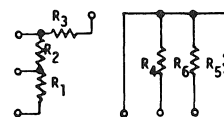
307-0567-00 ST^a: CR
OUTSIDE DIMENSION 1.200 x .590



$R_1, R_3, R_5, R_7, R_9, R_{11}, R_{13}, R_{15}, R_{19}, R_{20} = 10 \text{ k} \pm 1\%$

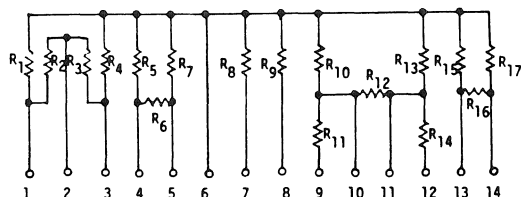
$R_2, R_4, R_6, R_8, R_{10}, R_{12}, R_{14}, R_{16}, R_{17}, R_{18} = 1.81 \text{ k} \pm 1\%$

307-0554-00 ST^a: CS
OUTSIDE DIMENSION 1.500 x .600



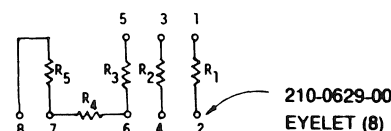
R ₁	R ₂	R ₃	R ₄	R ₅	R ₆
9.85 M $\pm 5\%$	99 k	1 k	101.01 Ω	10 k $\pm .5\%$	1.111 k
Ratio					
$R_1/R_2 = 99.49 \pm .2\%$					
$R_3/R_4 = 99 \pm .2\%$					
Condition 1 - $R_5/R_6 = 9 \pm .2\%$					
Condition 2 - $R_5/R_6 = R_2 \text{ Actual Value}/11 \times R_3 \text{ Actual Value} \pm .2\%$					
$R_5/R_4 = \pm .2\%$					

307-0607-00 ST^a: CR
OUTSIDE DIMENSION 1.500 x .498



R ₁	R ₂	R ₃	R ₄	R ₅	R ₆
5 k $\pm 5\%$	5 k $\pm 5\%$	5 k $\pm 5\%$	5 k $\pm 5\%$	3.87 k $\pm 2\%$	300 $\Omega \pm 1\%$
R ₇	R ₈	R ₉	R ₁₀	R ₁₁	R ₁₂
3.87 k $\pm 2\%$	1.25 k $\pm 1\%$	1.25 k $\pm 1\%$	1.11 k $\pm 2\%$	2000 $\Omega \pm 5\%$	365 $\Omega \pm 1\%$
R ₁₃	R ₁₄	R ₁₅	R ₁₆	R ₁₇	
1.11 k $\pm 2\%$	200 $\Omega \pm 5\%$	1.71 k $\pm 2\%$	300 $\Omega \pm 1\%$	1.71 k $\pm 2\%$	
Ratio					
$R_1/R_2 = 1 \pm 2\%$		$R_3/R_4 = 1 \pm 2\%$		$R_5/R_6 = 12.9 \pm 1\%$	
$R_7/R_6 = 12.9 \pm 1\%$		$R_8/R_9 = 1 \pm 1\%$		$R_{10}/R_{12} = 3.0411 \pm 1\%$	
$R_{13}/R_{12} = 3.0411 \pm 1\%$		$R_{15}/R_{16} = 5.7 \pm 1\%$		$R_{17}/R_{16} = 5.7 \pm 1\%$	

307-0205-00 ST^a: OB
OUTSIDE DIMENSION 2.600 x 1.525



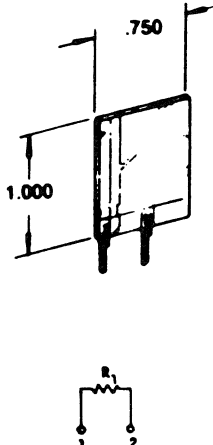
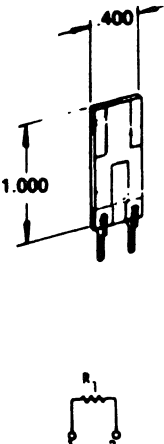
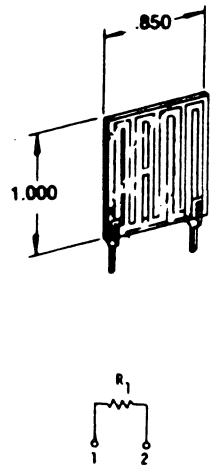
R ₁	R ₂	R ₃	R ₄	R ₅
19 M $\pm 5\%$	80 M $\pm 5\%$	29.456 M $\pm 5\%$	470 k $\pm 5\%$	180 k $\pm 5\%$
$R_3/R_4 + R_5 = 45.7173 \pm .5\%$				

307-0205-01 ST^a: OB
w/#22 Stranded Wire Kit (8 Pieces)

307-0205-02 ST^a: OB
w/#22 Stranded Wire Kit (7 Pieces, Not in #7)

^a For Status Codes, see tab marked CODES in the back of this catalog.

RESISTOR, FIXED, THICK FILM (cont)
TEK-MAKE MISCELLANEOUS (cont)

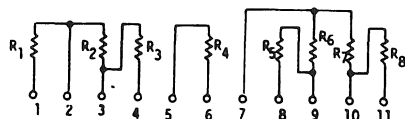
<p>307-0260-01 ST:^a CR</p>  <p>$R_1 = 112.5\text{ k}$ TRIMMED TO TWO VALUES OF RESISTANCE LOWER SORTED VALUE TO $112.5\text{ k} \pm .25\%$ HIGHER SORTED VALUE TO $125\text{ k} \pm .25\%$ MATCHED PAIR 250 k $\pm .75\%$ (312-0655-01) 225 k $\pm .75\%$ (312-0661-01)</p>	<p>307-0211-01 ST:^a CR</p>  <p>$R_1 = 1.125\text{ M} \pm 5\%$ MATCHED PAIR 312-0654-01</p>	<p>307-0210-01 ST:^a CR</p>  <p>$R_1 = 11.25\text{ M} \pm 5\%$, 7.5 WATTS MATCHED PAIR 312-0653-01</p>
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^a For Status Codes, see tab marked CODES in the back of this catalog.

RESISTOR, FIXED, THICK FILM (cont)

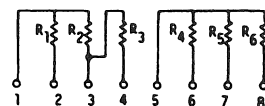
TEK-MADE GRASS VALLEY

307-1087-00 ST^a: CM
OUTSIDE DIMENSION 1.200 x .400



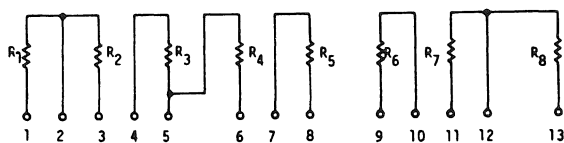
R ₁ 500 Ω	R ₂ 3 k	R ₃ 4.89 k	R ₄ 1 k
R ₅ 4.7 k	R ₆ 680 Ω	R ₇ 680 Ω	R ₈ 4.7 k
All R's Tolerance ±1%			

307-1088-00 ST^a: CM
OUTSIDE DIMENSION .900 x .400



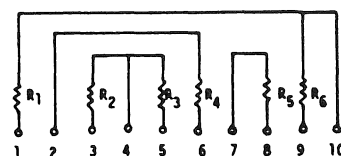
R ₁ 4.99 k	R ₂ 690 Ω	R ₃ 4.3 k	R ₄ 4.3 k	R ₅ 499 Ω	R ₆ 1.546 k
All R's Tolerance ±1%					

307-1111-00 ST^a: CM
OUTSIDE DIMENSION 1.600 x .400



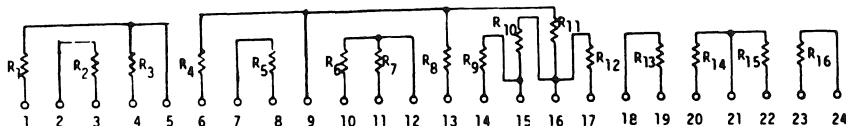
R ₁ 33 k	R ₂ 270 Ω	R ₃ 22 k	R ₄ 680 Ω
R ₅ 1 k	R ₆ 330 Ω	R ₇ 500 k	R ₈ 3.9 k
All R's Tolerance ±5%			

307-1089-00 ST^a: CM
OUTSIDE DIMENSION 1.102 x .400



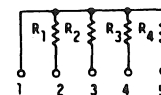
R ₁ 6.8 k	R ₂ 5.6 k	R ₃ 1 k	R ₄ 1.07 k	R ₅ 1.15 k	R ₆ 1 k
All R's Tolerance ±1%					

307-0500-00 ST^a: CM
OUTSIDE DIMENSION 2.500 x .400



R ₁ 1 k	R ₂ 470 Ω	R ₃ 470 Ω	R ₄ 10 k	R ₅ 470 Ω	R ₆ 4.7 k	R ₇ 6.8 k	R ₈ 470 Ω
R ₉ 2.7 k	R ₁₀ 4.7 k	R ₁₁ 10 k	R ₁₂ 3.3 k	R ₁₃ 470 Ω	R ₁₄ 470 Ω	R ₁₅ 1 k	R ₁₆ 470 Ω
All R's Tolerance ±5%							

307-1091-00 ST^a: CM
OUTSIDE DIMENSION .600 x .400



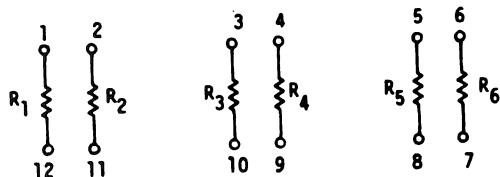
R₁, R₂, R₃, R₄ = 470 Ω ±1%

^a For Status Codes, see tab marked CODES in the back of this catalog.

RESISTOR, FIXED, THICK FILM (cont)

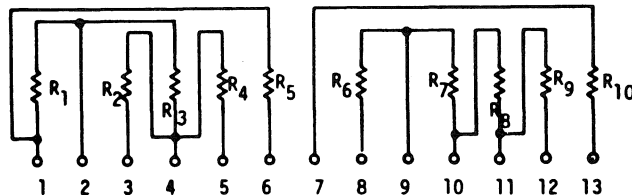
TEK-MADE GRASS VALLEY (cont)

307-1090-00 ST^a: CM
OUTSIDE DIMENSIONS 1.000 x .400 x .040



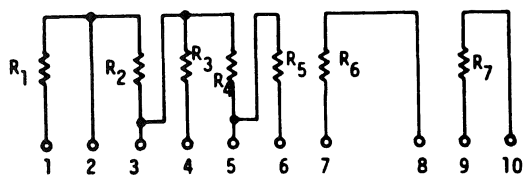
$R_1, R_2, R_3, R_4, R_5, R_6 = 75 \Omega \pm .5\%$

307-1110-00 ST^a: CM
OUTSIDE DIMENSIONS 1.300 x .400



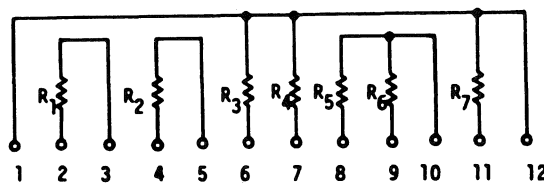
R_1 2.7 k	R_2 2 k	R_3 3.9 k	R_4 7.5 k	R_5 4.7 k
R_6 4 k	R_7 826 Ω	R_8 6.8 k	R_9 680 Ω	R_{10} 680 Ω
All R's Tolerance $\pm 1\%$				

307-1109-00 ST^a: CM
OUTSIDE DIMENSIONS 1.200 x .400 x .040



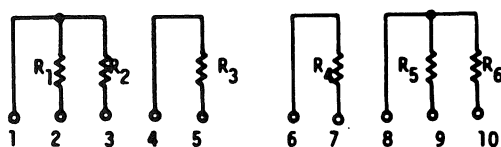
R_1 600 Ω	R_2 680 Ω	R_3 680 Ω	R_4 2.7 k	R_5 8.2 k	R_6 1 k	R_7 680 Ω
All R's Tolerance $\pm 1\%$						

307-1108-00 ST^a: CM
OUTSIDE DIMENSIONS 1.100 x .400 x .040



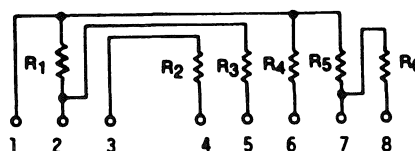
R_1 6.65 k	R_2 1 k	R_3 1.2 k	R_4 10 k	R_5 5.95 k	R_6 4.7 k	R_7 22 k
All R's Tolerance $\pm 1\%$						

307-1107-00 ST^a: CM
OUTSIDE DIMENSIONS 1.100 x .400 x .040



R_1 47 Ω	R_2 150 Ω	R_3 220 Ω	R_4 220 Ω	R_5 47 Ω	R_6 150 Ω
All R's Tolerance $\pm 1\%$					

307-1112-00 ST^a: CM
OUTSIDE DIMENSIONS .900 x .400 x .040



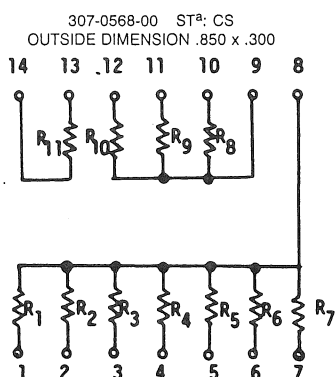
R_1 27 k	R_2 360 Ω	R_3 300 Ω	R_4 10 k	R_5 18 k	R_6 8.2 k
All R's Tolerance $\pm 1\%$					

^a For Status Codes, see tab marked CODES in the back of this catalog.

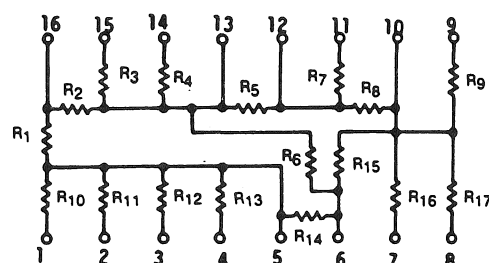
RESISTOR, FIXED, THICK FILM (cont)

TEK-MADE RESISTOR NETWORK

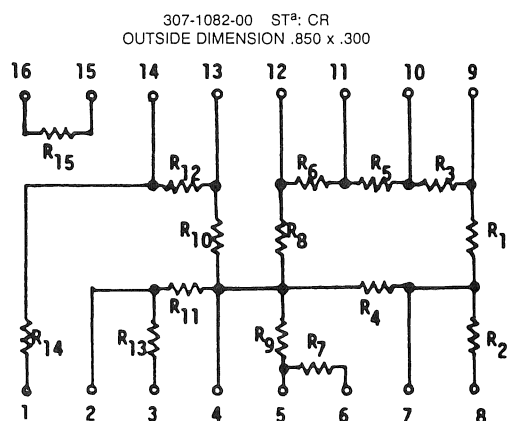
DUAL IN-LINE



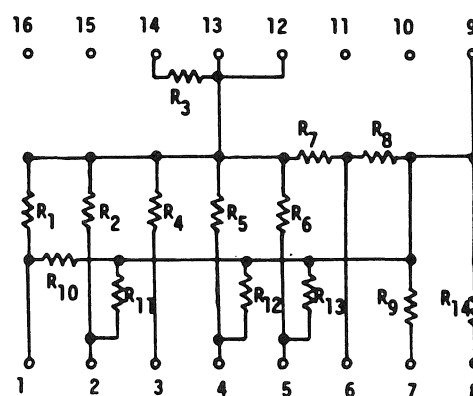
R ₁ 1.821 k	R ₂ 1.525 k	R ₃ 9.376 k	R ₄ 2.802 k	R ₅ 5.500 k	
R ₆ 1.856 k	R ₇ 8.546 k	R ₈ 4.047 k	R ₉ 7.942 k	R ₁₀ 20.82 k	R ₁₁ 3.563 k
Ratio					
R ₁ /R ₂ = 1.19404			R ₃ /R ₁ = 5.14882		
R ₄ /R ₁ = 1.5387			R ₅ /R ₁ = 5.02032		
R ₆ /R ₁ = 1.01922			R ₇ /R ₁ = 4.69303		
R ₈ /R ₁ = 2.2224			R ₉ /R ₁ = 4.36134		
R ₁₀ /R ₁ = 11.43328			R ₁₁ /R ₁ = 1.95662		
All R's Tolerance ±.2%					



R ₁ 150 k $\pm 10\%$	R ₂ 37.5 k $\pm 2.5\%$	R ₃ 37.5 k $\pm 2.5\%$	R ₄ 150 k $\pm 10\%$	R ₅ 30 k $\pm 2.5\%$
R ₆ 37.5 k $\pm 2.5\%$	R ₇ 37.5 k $\pm 2.5\%$	R ₈ 37.5 k $\pm 2.5\%$	R ₉ 25 k $\pm 1.5\%$	R ₁₀ 150 k $\pm 10\%$
R ₁₁ 150 k $\pm 10\%$	R ₁₂ 37.5 k $\pm 2.5\%$	R ₁₃ 37.5 k $\pm 2.5\%$	R ₁₄ 50 k $\pm 3.3\%$	R ₁₅ 30 k $\pm 2.5\%$
R ₁₆ 75 k $\pm 5\%$	R ₁₇ 150 k $\pm 10\%$			



R ₁ 2.365 k	R ₂ 18.367 k	R ₃ 10 k	R ₄ 2.808 k	R ₅ 20 k
R ₆ 10 k	R ₇ 1.2 k	R ₈ 20 k	R ₉ 7.5 k	R ₁₀ 20 k
R ₁₁ 30 k	R ₁₂ 10 k	R ₁₃ 10 k	R ₁₄ 7.5 k	R ₁₅ 6.67 k
Ratio				
R ₅ /R ₃ = 2 $\pm .15\%$		R ₈ /R ₆ = 2 $\pm .15\%$		
R ₁₂ /R ₁₀ = .5 $\pm 1\%$		R ₁₃ /R ₁₁ = .33 $\pm 1\%$		

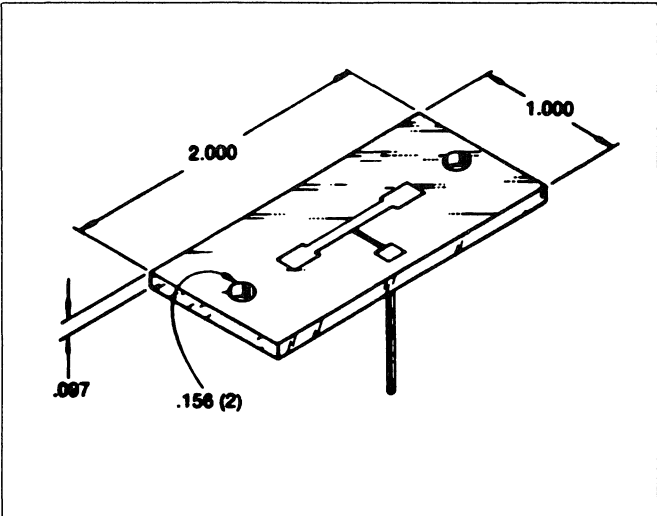


R ₁ 1.33 k	R ₂ 1.11 k	R ₃ 1 k	R ₄ 1 k	R ₅ 1.05 k	R ₆ 1.02 k	R ₇ 2 k
R ₈ 2 k	R ₉ 1 k	R ₁₀ 4 k	R ₁₁ 10 k	R ₁₂ 20 k	R ₁₃ 40 k	R ₁₄ 6 k
All R's Tolerances $\pm .5\%$						

^a For Status Codes, see tab marked CODES in the back of this catalog.

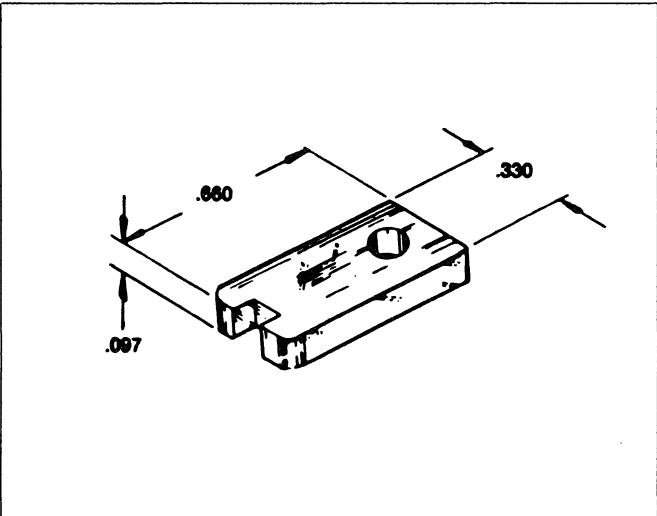
RESISTOR, FIXED, THICK FILM (cont)
TEK-MADE

HYBRID



Resistance	Part Number	Codes ^a	
		Cost	ST
182 Ω ± 1%	307-0292-00		CR
180 Ω ± .5%	307-0292-01		CR
181 Ω	307-0292-02		CR
182 Ω ± .5%	307-0292-03		CR
183 Ω ± .5%	307-0292-04		CR
184 Ω ± .5%	307-0292-05		CR
185 Ω ± .5%	307-0292-06		CR
186 Ω ± .5%	307-0292-07		CR
180 Ω	307-0292-08		CR
181 Ω	307-0292-09		CS
182 Ω	307-0292-10		CR
183 Ω	307-0292-12		CR
180 Ω	307-0292-13		CR
181 Ω	307-0292-14		CS
182 Ω	307-0292-15		CR
183 Ω	307-0292-17		CR
184 Ω	307-0292-18		CS
185 Ω	307-0292-19		CS
186 Ω	307-0292-20		CS
(2) 172 Ω ± 1%, (2) 33.7 Ω ± 2%	307-0292-21		CR
(2) 160 Ω	307-0292-22		CR
(2) 175 Ω, (2) 33.7 Ω	307-0292-24		CR
(2) 175 Ω, (2) 33.7 Ω	307-0292-25		CR

ATTENUATOR FIXED



Attenuation	Part Number	Codes ^a	
		Cost	ST
	50 Ω HYBRIDS		
2 X	307-1020-00		CR
2.5 X	307-1021-00		CR
5 X	307-1023-00		CR
10 X	307-1024-00		CR
1 dB	307-1034-00		CS
2 dB	307-1035-00		CS
4 dB	307-1036-00		CS
10 dB	307-1037-00		CR
20 dB	307-1038-00		CR
TM	307-1040-00		CR
	52.6 Ω HYBRIDS		
10 dB	307-1037-01		CR
10 dB	307-1037-50		CR
20 dB	307-1038-01		CR
20 dB	307-1038-50		CR
	75 Ω HYBRIDS		
1 dB	307-1027-00		CS
1 dB	307-1043-00		CS
2 dB	307-1044-00		CS
2 dB	307-1028-00		CS
4 dB	307-1029-00		CS
4 dB	307-1045-00		CS
10 dB	307-1030-00		CS
20 dB	307-1031-00		CS

^a For Status Codes, see tab marked CODES in the back of this catalog.

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CATALOG WRITER: CAROLE JACK, 629-3029.

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CATALOG WRITER: SANDRA PHILLIPS, 629-3030

SINGLE ELEMENT PANEL MOUNT

Res Ω	Tol ± %	Power W @ °C	Taper ^a	Element Type	General and Switch Information	Fig ^b	Body Dimension ^c		Bushing		Shaft ^d (Nom)		Part Number	Codes ^e		
							Max Dia	Max Length	Dia	Nom Length	Dia	Length Including Bushing		ND	Cost	ST
10	20	2. @ 40	Linear	ww		53	1.156	.625	.375-32	.375	.249	.875	311-0001-00		2.300	CR
15	5	5. @ 40	Linear	ww		53	.938	.469	.375-32	.375	.249	.750	311-0620-00		4.750	CS
25	10	12.5 @ 40	Linear	ww		46	.906	.766	.375-32	.375	.249	.750	311-0377-00			OB
25	5	7.5 @ 40	Linear	ww		37	.515	.625	.250-32	.375	.125	.750	311-0548-00			OB
25	10	12.5 @ 40	Linear	ww		46	.906	.719	.250-32	.375	.125	.750	311-0939-00		9.840	CR
25	10	12.5 @ 40		ww		46	.906	.719	.250-32	.375	.125	.750	311-0943-00		12.770	CS
30	5	2. @ 70	Linear	ww					.375-32		.250	.750	311-0238-00			OB
50	10	2. @ 55	Linear	ww					.375-32		.250	.750	311-0055-00		9.120	CR
50	10	2. @ 40	Linear	ww	Switch, rtry SPST, 1 Open	50	1.156	1.219	.375-32	.375	.249	.750	311-0057-00			OB
50	10	2. @ 40	Linear	ww		48	1.156	.625	.375-32	.375	.249	.625	311-0262-00			OB
50	10	2. @ 40	Linear	ww	Switch, Rotary SPST	50	1.125	1.187	.375-32	.750	.250	1.125	311-0275-00			OB
50	10	2. @ 70	Linear	cmpsn					.375-32		.250		311-0308-00		2.640	CS
50	10	2.25 @ 70	Linear	cmpsn	Switch, Rotary DPST	50	1.156	1.100	.375-32	.375	.249	.750	311-0672-00			OB
50	10	2. @ 40	Linear	ww	Switch, Rotary DPST	50	1.156	1.219	.375-32	.375	.249	.750	311-1090-00			OB
100	20	2. @ 70	Linear	cmpsn		41	1.156	.625	.375-32	.367	.249	.750	311-0003-00			OB
100	20	.5 @ 70	lin bln	cmpsn		37	.516	.469	.250-32	.375	.125	.750	311-0169-00		1.460	CR
100	10	.5 @ 70	Linear	cmpsn		37	.516	.469	.250-32	.250	.125	.375	311-0258-00		1.490	CR
100	10	.5 @ 70	Linear	ww		45			.250-32		.125		311-0473-00			OB
100	20	.25 @ 55	lin bln	cmpsn		53	.656	.391	.250-32	.375	.125	.750	311-0574-00			OB
100	10	.25 @ 70	Linear	non ww	Switch, Push-Pull, SPDT, 1 Open-1 Closed	34	.500	1.000	.250-32	.250	.125	.609	311-2351-00			DL
100	10	1. @ 70	Linear	non ww	Switch, SPST, 1 Open	38	.500	.781	.250-32	.250	.125	.500	311-0685-00		2.810	OT
100	10	.5 @ 70	indep lin 5% ^f	non ww		90	.531	.560	.250-32	.250	.125	2.375	311-2336-00			DL
100	20	.5 @ 70	Linear	cmpsn		37	.516	.469	.250-32	.250	.125	.500	311-1116-00		1.490	CR
100	20	1. @ 70	Linear	cmpsn	Sw, Rotary DPST, 1 Open-1 Closed	7	.625	1.016	.375-32	.375	.249	.625	311-1217-00			OB
												.125	2.500			
100	20	1. @ 70	Linear	cmpsn		2	.625	.656	.250-32	.250	.125	.625	311-1835-00		2.310	CR
150	20	2. @ 70	Linear	cmpsn		41	1.156	.625	.375-32	.367	.249	.750	311-0383-00			OB
150	20	.5 @ 40	lin bln	cmpsn		41	.677	.500	.250-32	.250	.125	.625	311-0482-00		4.250	CS
150	20	.5 @ 70	Linear	cmpsn		37	.516	.469	.250-32	.375	.125	.750	311-0516-00			OB
200	10	2. @ 70	lin bln	cmpsn		41	1.165	.625	.375-32	.375	.249	.750	311-0004-00			OB
200	10	.5 @ 70	lin bln	cmpsn		37	.516	.469	.250-32	.375	.125	.500	311-0097-00			OB
200	10	.5 @ 40	lin bln	cmpsn		41	.677	.500	.250-32	.250	.125	.375	311-0158-00			OB
200	10	.5 @ 70	lin bln	cmpsn		53	.953	.469	.375-32	.375	.250	.750	311-0178-00			OB
200	20	.75 @ 70	Linear	cmpsn		37	.513	.649	.250-32	.250	.125	.625	311-1395-00			NP
200	20	1. @ 70	Linear	cmpsn		1	.625	.625	.250-32	.250	.125	.625	311-1416-00			OB
200	10	1. @ 70	Linear	Cermet		37	.375	.469	.250-32	.250	.125	.625	311-1711-00		2.220	CR
200	20	.5 @ 70	Linear	cmpsn		37	.516	.469	.250-32	.250	.125	.500	311-1808-00		2.150	CR
250	20	.5 @ 70	lin bln	cmpsn		53	.953	.469	.375-32	.375	.250	.625	311-0181-00			OB
250	20	.5 @ 70	lin bln	cmpsn		53	.953	.469	.375-32	.375	.250	.750	311-0367-00			OB
250	10	1.5 @ 40	Linear	ww		48	.677		.250-32	.375	.125	.500	311-0378-00			OB
250	10	1. @ 70	Linear	cmpsn	Switch, rtry SPST, 1 Open	52	.656	.797	.250-32	.375	.125	.750	311-0385-00			OB
250	20	.5 @ 70	lin bln	cmpsn		37	.516	.469	.250-32	.250	.125	.375	311-0461-00			OB
250	10	.5 @ 70	lin bln	cmpsn		37	.516	.469	.250-32	.250	.125	.375	311-0485-00			OB
250	20	.5 @ 40	lin bln	cmpsn		41	.656	.500	.250-32	.250	.125	.375	311-0517-00			OB
250	20	1.12 @ 70	non lin	cmpsn					.375-32		.250		311-0521-00			OB
250	10	.25 @ 40	rvs Log	ww	Switch, Rotary, SPST	7	.969	1.016	.375-32	.375	.249	.750	311-0592-00			OB
250	10	.5 @ 70	Linear	cmpsn		37	.516	.469	.250-32	.375	.125	.750	311-0702-00		1.460	CR
250	10	.5 @ 40	Linear	cmpsn		43	.656	.344	.250-32	.250			311-0988-00		5.030	CS
250	15	1. @ 70	Linear	ww	Tek-made, No Bushing	86	.812	.680			.124	6.267	311-1125-00		40.850	CS
250	20	.5 @ 70	Linear	non ww	Flat Plastic Shaft	40	.516	.500	.250-32	.242	.122	.670	311-2149-00		1.070	CS
250	10	.5 @ 70	Linear	Cermet	Flat Shaft	26A	.531	.500	.250	.187	.125	3.250	311-2216-00	U	2.160	CR
300	20	2.25 @ 70	Linear	cmpsn		41	1.156	.625	.375-32	.375	.249	.750	311-0052-00			OB
300	10	.5 @ 40	lin bln	cmpsn		41	.656	.500	.250-32	.375	.125	.750	311-0256-00			OB
500	20	2. @ 70	Linear	cmpsn		41	1.156	.625	.375-32	.367	.249	.750	311-0005-00			OB
500	20	.5 @ 40	lin bln	cmpsn		41	.656	.500	.250-32	.375	.125	.437	311-0066-00			OB
500	10	.5 @ 70	Linear	cmpsn		89	.516	.469	.250-32	.375	.125	.750	311-0095-00		1.460	CR
500	20	.5 @ 70	lin bln	cmpsn		53	.953	.469	.375-32	.375	.250	.750	311-0246-00			OB
500	20	.5 @ 70	lin bln	cmpsn		53	.953	.469	.375-32	.375	.250	.750	311-0362-00			OB
500	10	.25 @ 70	non lin	cmpsn	Switch, rtry, SPST, 1 Open	38	.531	.469	.250-32	.375	.125	.625	311-0422-00			OB
500	10	4. @ 55	Linear	ww		53	.937	.469	.375-32	.375	.250	.750	311-0434-00			OB

^a See the Resistor & Capacitor Section in Supplement Catalog (#7).^b For Illustrations, see tab marked Section 6 in the back of this catalog.^c There are often substantial size variations between different manufacturers. Care should be taken to leave room for the maximum size part indicated on the current Tektronix specification.^d Dimensions for outer shaft, first line--inner shaft, second line.^e The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.^f Independent Linearity.

SINGLE ELEMENT PANEL MOUNT (cont)

Res Ω	Tol \pm %	Power W @ $^{\circ}\text{C}$	Taper ^a	Element Type	General and Switch Information	Fig ^b	Body Dimension ^c		Bushing		Shaft ^d (Nom)		Part Number	Codes ^e		
							Max Dia	Max Length	Dia	Nom Length	Dia	Length Including Bushing		ND	Cost	ST
500	10	2.25 @ 70	Linear	cmpsn		41	1.156	.594	.375-32	.375	.250	.750	311-0460-00			OB
500	20	.5 @ 70	Linear	cmpsn		27	.516	.500	.250-32	.250	.125	.375	311-0483-00			OB
500	10	.5 @ 70	Linear	cmpsn		37	.516	.469	.250-32	.250	.125	.375	311-0486-00	U	1.460	OT
500	20	.5 @ 40	lin bln	cmpsn		41	.656	.500	.250-32	.250	.125	.375	311-0518-00			OB
500	20	.5 @ 70	lin bln	cmpsn		37	.531	.469	.250-32	.250	.125	.375	311-0598-00			OB
500	20	.5 @ 90	lin bln	cmpsn	Switch	53A	.953	.985	.375-32	.375	.250	.750	311-0617-00			OB
500	20	.5 @ 40	lin bln	cmpsn		41	.656	.500	.250-32	.250	.125	.500	311-0663-00			OB
500	10	.25 @ 40	mod log	cmpsn	Switch, DPST, 1 Open-1 cl	53A	.938	.922	.375-32	.375	.249	.625	311-0773-00	U	1.920	CS
500	10	.5 @ 70	Linear	cmpsn		37	.516	.469	.250-32	.250	.125	.500	311-1064-00		1.460	CR
500	10	1. @ 70	Linear	cmpsn		37	.516	.703	.250-32	.375	.125	.875	311-1105-00			OB
500	20	1. @ 70	Linear	cmpsn	Switch, Push, Mom, DPST	6	.625	1.016	.250-32	.250	.125	.453	311-1194-00			OB
500	20	1. @ 70	Linear	cmpsn		7			.250-32		.078	.922	311-1219-00			OB
500	10	1. @ 70	Linear	cmpsn	sw, rtry DPST, 1 Open-1 cl	7	.625	1.016	.250-32	.250	.125	.625	311-1485-00	U	6.470	CR
500	10	1. @ 70	Linear	cmpsn	Switch (2), rtry 1 Open-1 cl	15	.625	1.391	.250-32	.250	.125	2.125	311-1804-00		9.150	CR
500	10	.5 @ 70	Linear	non ww		37	.516	.469	.250-32	.250	.125	.623	311-2121-00		1.430	CR
500	10	.25 @ 70	mod log	C.P. ^f	Switch, rtry SPDT, cplr Shaft	37	.516	.797	.375-32	.375	.249	.593	311-2125-00		5.410	CS
500	20	.5 @ 70	Linear	C.P. ^f	Detent, Coupler Shaft	35	.516	.469	.375-32	.250	.249	.500	311-2133-00		1.950	CS
500	20	.5 @ 70	Linear	non ww	Switch, Push-Pull, 2PST, Coupler Shaft	36	.532	.766	.375-32	.250	.249	.583 ^g	311-2134-00		4.270	OT
500	20	.5 @ 70	Linear	non ww	Switch, Push-Pull, 2PST, Coupler Shaft	36	.516	.766	.375-32	.250	.249	.593 ^g	311-2151-00		4.270	CR
500	10	.5 @ 70	Linear	non ww	Flat Shaft	37	.516	.469	.250-32	.375	.125	.750	311-2153-00		3.440	CS
500	10	.5 @ 70	Linear	cmpsn	Flat Shaft	40	.516	.500	.250-32	.213	.125	.680	311-2178-00		.950	CR
500	20	.5 @ 70	Linear	non ww	Switch, SPDT, SPST	5	.516	1.066	.375-32	.250	.249	.593 ^g	311-2219-00	U	7.760	CR
500	10	.5 @ 70	Linear	non ww	Switch, Push-Pull, SPDT, 1 Open-1 Closed	31	.547	.799	.250-32	.250	.125	.625 ^g	311-2220-00	U	4.050	CR
500	10	.25 @ 70	Linear	non ww		30A	.547	.797	.250-32	.250	.125	1.000	311-2284-00	U	3.910	CR
500	20	.5 @ 70	Linear	non ww	Switch, Rotary SPDT	36	.531	1.079	.375-32	.250	.249	.593 ^g	311-2292-00	U	9.470	CR
500	10	.125 @ 70	Linear	non ww	Switch, Rotary SPDT	87	.531	.812	.250-32	.250	.125	.625	311-2322-00		4.300	CR
600	20	.5 @ 70	lin bln	cmpsn	Switch	53A	.953	.985	.375-32	.375	.250	.750	311-0568-00			OB
700	20	1. @ 70	Linear	cmpsn		41	1.094	.594	.375-32	.375	.250	.375	311-0047-00			OB
750	20	.5 @ 70	lin bln	cmpsn		53	.953	.469	.375-32	.375	.250	.750	311-0372-00			OB
1. k	20	.5 @ 70	lin bln	cmpsn		41	.677	.390	.250-32	.380	.125	.438	311-0084-00			OB
1. k	10	.5 @ 70	lin bln	cmpsn		37	.516	.469	.250-32	.375	.125	.750	311-0091-00		1.460	CR
1. k	10	.5 @ 40	lin bln	cmpsn		41	.677	.500	.250-32	.250	.125	.375	311-0155-00			OB
1. k	20	.5 @ 70	lin bln	cmpsn		53	.953	.469	.375-32	.375	.250	.750	311-0220-00		22.300	CS
1. k	20	.5 @ 70	lin bln	cmpsn		37	.516	.469	.250-32	.250	.125	.375	311-0328-00		1.360	CR
1. k	10	.5 @ 40	lin bln	cmpsn		53	.656	.500	.250-32	.312	.125	.315	311-0343-00			OB
1. k	20	.5 @ 40	lin bln	cmpsn		53	.968	.516	.375-32	.375	.249	.750	311-0365-00			OB
1. k	10	4. @ 60	Linear	ww									311-0413-00			OB
1. k	20	.5 @ 70	lin bln	cmpsn	Switch	53A	.953	.985	.375-32	.375	.250	.500	311-0446-00			OB
1. k	20	.5 @ 40	Linear	cmpsn	Switch, rtry SPST, 1 Open	38	.516	.469	.250-32	.250	.125	.750	311-0655-00			OB
1. k	20	.5 @ 40	lin bln	cmpsn	Switch, rtry DPST, 2 Open	50	.656	.797	.250-32	.375	.125	.750	311-0771-00		3.360	CR
1. k	10	1. @ 70	Linear	C.P. ^f	sw, rtry DPST, No Bushing	50	.656	.796			.078	5.245	311-1291-00		3.980	CS
1. k	20	.5 @ 70	Linear	C.P. ^f		2	.625	.656	.250-32	.250	.125	.750	311-1311-00	U	1.600	CR
1. k	20	1. @ 70	Linear	cmpsn	sw, rtry DPST, 1 Open-1 cl	37	.516	.469	.250-32	.250	.125	.625	311-1317-00		3.350	CS
1. k	10	.5 @ 70	log	cmpsn	sw, rtry DPST, 1 Open-1 cl	10	.641	1.041	.250-32	.250	.125	.625	311-1364-00		4.930	CR
1. k	20	1. @ 70	Linear	cmpsn		1	.610	.625	.250-32	.250	.125	.625	311-1369-00		3.540	CS
1. k	20	1. @ 70	Linear	cmpsn		1	.625	1.056	.250-32	.250	.125	.500	311-1371-00		4.320	CS
1. k	20	.5 @ 70	Linear	cmpsn		40	.516	.531	.250-32	.250	.125	.438	311-1499-00		1.280	CS
1. k	20	.75 @ 70	lin bln	cmpsn		41	1.094	.594	.375-32	.367	.250	.875	311-1675-00			OB
1. k	20	1. @ 70	lin bln	cmpsn		50	.656	.796	.250-32	.375	.125	3.500	311-1765-00		3.000	CS
1. k	10	.5 @ 70	log	C.P. ^f		80	.625	.391			.125	.625	311-1785-00		1.990	CS
1. k	20	1. @ 70	Linear	cmpsn	Hole in Cover to Accept .078 Dia Shaft	2	.625	.700	.250-32	.250	.125	.625	311-1801-00			NP

^a See the Resistor & Capacitor Section in Supplement Catalog (#7).^b For Illustrations, see tab marked Section 6 in the back of this catalog.^c There are often substantial size variations between different manufacturers. Care should be taken to leave room for the maximum size part indicated on the current Tektronix specification.^d Dimensions for outer shaft, first line--inner shaft, second line.^e The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.^f Conductive plastic.^g Extended.

SINGLE ELEMENT PANEL MOUNT (cont)

Res Ω	Tol ± %	Power W @ °C	Taper ^a	Element Type	General and Switch Information	Fig ^b	Body Dimension ^c		Bushing		Shaft ^d (Nom)		Part Number	Codes ^e		
							Max Dia	Max Length	Dia	Nom Length	Dia	Length Including Bushing		ND	Cost	ST
1. k	20	.5 @ 40	lin bln	cmpsn	Flat Shaft	77	.969	.469			.125	1.125	311-1811-00			OB
1. k	10	.5 @ 70	lin bln	cmpsn		7	.625	1.169	.250-32	.250	.125	.750	311-1841-00		6.400	CS
1. k	10	.5 @ 70	lin bln	cmpsn		3	.625	.700	.249		.125	.625	311-1854-00		5.030	CR
1. k	10	.5 @ 70	Linear	cmpsn		40A	.516	.500			.125	.125	311-1887-00		10.330	CS
1. k	10	.5 @ 70	Linear			27	.516	.500	.250-32	.250	.125	.687	311-1938-00		6.910	CR
1. k	20	.5 @ 70	Linear	C.P. ^f	Hollow Shaft	27	.500	.484	.250-32	.250	.125	.625	311-1948-00		1.820	CR
1. k	20	.25 @ 70	Linear	C.P. ^f		40A	.516	.562			.125	.215	311-1954-00		1.310	CR
1. k	10	.5 @ 70	log	C.P. ^f	Detent	41	.656	.422	.250-32	.250	.125	.625	311-1956-00		31.250	CS
1. k	10	.375 @ 70	rvs log	C.P. ^f		2	.625	.656	.250-32	.250	.125	.625	311-1957-00		1.190	CR
1. k	10	.5 @ 70	Linear	cmpsn		40	.516	.500	.250-32	.250	.125	.500	311-1958-00		1.750	CR
1. k	10	.5 @ 70	log	cmpsn		76	.625	.391			.125	.375	311-1965-00		1.660	CS
1. k	10	.5 @ 70	Linear	cmpsn		37	.516	.469	.250-32	.250	.125	.500	311-2035-00		2.130	CR
1. k	20	.5 @ 70	Linear	cmpsn		44	.516	.422	.250-32	.250	.125	.438	311-2050-00		2.310	CR
1. k	20	.5 @ 40	Linear	non ww	Switch, Rotary, DPST	53A	.969	1.047	.250-32	.375	.125	1.856	311-2152-00 ^g		5.410	CS
1. k	20	.5 @ 40	Linear	C.P. ^f	Switch, Rotary, DPST	53A	.969	1.047	.250-32	.375	.125	1.969	311-2169-00 ^g		2.000	CS
1. k	10	.5 @ 70	Linear	C.P. ^f	Switch (2), Rotary, DPST	16	.625	1.391	.250-32	.375	.125	2.500	311-2170-00	A	9.390	CR
1. k	20	.5 @ 70	Linear	cmpsn		40	.516	.500	.250-32	.250	.125	.875	311-2188-00		1.260	CR
1. k	10	.25 @ 70	Linear	non ww	Flat Shaft	26	.531	.500	.250		.125	2.250	311-2210-00	U	1.800	CR
1. k	10	.25 @ 70	Linear	non ww	Switch, rtry, SPST, 1 Open	83	.516	.797	.250		.125	.500	311-2217-00		2.860	CR
1. k	20	.25 @ 70	rvs log	ww	Switch, Rotary, DPST	10	.625	1.041	.250-32	.250	.125	.500	311-2295-00		4.760	CR
1.5 k	5	1.5 @ 40	Linear	ww		45	.766	.484	.250-32	.375	.124	.500	311-0323-00			OB
1.5 k	20	.5 @ 70	lin bln	cmpsn		37	.516	.469	.250-32	.250	.125	.375	311-0449-00	U	2.760	CR
1.5 k	10	.25 @ 70	rvs log	cmpsn		37	.516	.469	.250-32	.375	.125	.750	311-1083-00		2.680	CR
1.5 k	10	.5 @ 70	lin bln	cmpsn		37	.516	.469	.250-32	.250	.125	.625	311-1182-00		.880	CR
2. k	20	2. @ 70	lin bln	cmpsn		48	1.156	.625	.375-32	.375	.250	.750	311-0008-00		1.600	CS
2. k	5	2. @ 40	Linear	ww		48	1.156	.625	.375-32	.375	.250	.750	311-0141-00		1.060	CR
2. k	10	2. @ 40	Linear	ww	Switch, Rotary, SPDT	50	1.156	1.219	.375-32	.375	.250	.750	311-0189-00			OB
2. k	20	.5 @ 70	lin bln	cmpsn		53	.953	.469	.375-32	.375	.250	.750	311-0221-00			OB
2. k	20	.5 @ 70	lin bln	cmpsn		53	.953	.469	.375-32	.375	.250	.750	311-0363-00			OB
2. k	10	5. @ 25	Linear	ww		53	.953	.469	.375-32	.375	.249	.500	311-0474-00		1.644	CS
2. k	10	.5 @ 70	lin bln	cmpsn		37	.516	.469	.250-32	.375	.125	.750	311-0608-00		1.460	CR
2. k	10	.5 @ 70	lin bln	cmpsn		37	.516	.469	.250-32	.375	.125	.750	311-0632-00		1.520	OT
2. k	10	.5 @ 70	Linear	cmpsn		37	.516	.469	.250-32	.250	.125	.625	311-0949-00		1.170	CR
2. k	10	2. @ 70	Linear	Cermet		41	.780	.280	.375-32	.375	.250	.750	311-0955-00		2.290	CS
											.125	1.125				
2. k	10	.25 @ 70	rvs log	cmpsn		37	.516	.469	.250-32	.375	.125	.750	311-1032-00		1.500	CR
2. k	20	.5 @ 70	log	cmpsn		37	.516	.500	.250-32	.250	.125	.437	311-1043-00		2.300	OT
2. k	10	.25 @ 70	log	cmpsn		37	.516	.469	.250-32	.375	.125	.750	311-1079-00		1.690	OT
2. k	10	.5 @ 40	Linear	cmpsn	Switch, rtry SPST, 1 Closed w/4-40 Setscrew	53A	.968	1.125	.375-32	.250	.375	.500	311-1121-00		5.250	CS
2. k	10	.5 @ 40	lin bln	cmpsn	Switch, Push-pull, DPDT	59	.677		.250-32	.250			311-1158-00			OB
2. k	20	1. @ 70	Linear	cmpsn	Switch, rtry DPST, 2 Open	93	.625	1.041	.250-32	.250	.125	.625	311-1299-00		4.530	CS
2. k	20	.5 @ 70	Linear	cmpsn		2	.641	.649	.250-32	.250	.125	.750	311-1313-00 ^g	U	2.890	CR
2. k	20	1. @ 70	Linear	cmpsn	Switch, Push, Mom, 4PST, 2 Open - 2 Closed	7	.625	1.094	.250-32	.250	.125	.625	311-1318-00		11.870	CS
											.078	1.100				
2. k	20	.5 @ 70	rvs log	cmpsn		1	.625	.625	.250-32	.250	.125	.625	311-1427-00		1.660	CR
2. k	20	1. @ 70	Linear	cmpsn		1	.641	.641	.250-32	.250	.125	.625	311-1467-00		2.430	CR
2. k	10	1. @ 70	Linear	cmpsn	Sw, rtry DPST, 1 Open-1 cl	7A	.625	1.016	.250-32	.250	.125	.625	311-1494-00		3.760	CR
2. k	20	.5 @ 70	Linear	cmpsn	Switch, Rotary, SPST	38A	.516	.500	.250-32	.250	.125	.438	311-1535-00		3.850	CR
2. k	10	1. @ 70	Linear	cmpsn	Flat Shaft	80	.625	.391	.250-32	.250	.125	1.125	311-1726-00		1.690	CS
2. k	20	1. @ 70	lin bln	cmpsn	Flat Shaft	80	.625	.391			.125	1.125	311-1786-00		1.970	CS
2. k	20	.5 @ 70	Linear	cmpsn	Flat Shaft	2	.641	.625	.375-32	.375	.125	1.250	311-1934-00		1.880	CS
2. k	10	2. @ 70	Linear	Cermet		2	.625	.656	.250-32	.250	.125	1.000	311-1972-00		4.620	CR
2. k	20	.5 @ 70	Linear	Plastic		26	.516	.578			.125	.250	311-1976-00		1.830	CR
2. k	20	.5 @ 70	Linear	non ww	Flat Shaft	82	.650	.565	.375	.375	.172	.405	311-2180-00		1.450	CS
							.707									

^a See the Resistor & Capacitor Section in Supplement Catalog (#7).^b For illustrations, see tab marked Section 6 in the back of this catalog.^c There are often substantial size variations between different manufacturers. Care should be taken to leave room for the maximum size part indicated on the current Tektronix specification.^d Dimensions for outer shaft, first line—inner shaft, second line.^e The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.^f Conductive plastic.^g Safety controlled.

SINGLE ELEMENT PANEL MOUNT (cont)

Res Ω	Tol ± %	Power W @ °C	Taper ^a	Element Type	General and Switch Information	Fig ^b	Body Dimension ^c		Bushing		Shaft ^d (Nom)		Part Number	Codes ^e		
							Max Dia	Max Length	Dia	Nom Length	Dia	Length Including Bushing		ND	Cost	ST
2. k	20	.5 @ 70	Linear	non ww	Flat Shaft	92	.640	.515	.375-32	.421	.246	.826	311-2316-00	U	1.550	CR
2.5 k	20	.5 @ 70	lin bln	cmprsn		37	.516	.469	.250-32	.250	.125	.375	311-0086-00		1.490	CR
2.5 k	20	.5 @ 40	lin bln	cmprsn		41	.656	.500	.250-32	.375	.125	.437	311-0120-00			OB
2.5 k	10	.5 @ 40	lin bln	cmprsn		41	.677	.656	.250-32	.250	.125	.375	311-0172-00		1.530	CR
2.5 k	10	.5 @ 40	lin bln	cmprsn	Insulator Spacer (.875)	42	.656	.500	.250-32	.375	.125	.750	311-0335-00			OB
2.5 k	20	2. @ 40	Linear	ww		50	1.156	1.219	.375-32	.375	.249	.750	311-0375-00			OB
2.5 k	20	2. @ 70	Linear	cmprsn		41	1.094	.594	.375-32	.375	.249	.750	311-0395-00			OB
2.5 k	20	.5 @ 70	lin bln	cmprsn		37	.531	.469	.250-32	.250	.125	.500	311-0443-00		1.230	CS
2.5 k	20	.5 @ 70	lin bln	cmprsn	Switch	53A	.953	.985	.375-32	.375	.250	.750	311-0535-00			OB
2.5 k	10	.5 @ 70	lin bln	cmprsn		37	.531	.469	.250-32	.375	.125	.750	311-0816-00		1.920	CS
2.5 k	5	1.5 @ 40	Linear	Cermet		41	.672		.250-32	.250	.125	.750	311-0964-00	U	9.470	OT
2.5 k	10	.5 @ 70	lin bln	cmprsn		37	.516	.469	.250-32	.375	.125	.750	311-0994-00		2.630	CR
2.5 k	10	2. @ 70	log	Cermet		43	.750	.500	.250-32	.250			311-1075-00			OB
2.5 k	10	.25 @ 70	log	cmprsn	Switch, SPST	38	.516	.500	.250-32	.375	.125	.750	311-1094-00		3.380	CR
2.5 k	10	.5 @ 40	Linear	cmprsn		43	.656	.422	.250-32	.250			311-1421-00		6.060	CR
2.5 k	10	.5 @ 70	Linear	cmprsn	sw, Push-push (See Spec.)	98	.656	.344	.250-32	.250			311-1421-01		17.388	CR
2.5 k	20	.5 @ 70	Linear	cmprsn		1	.625	.625	.250-32	.250	.125	.625	311-1484-00		2.600	CR
2.5 k	20	.25 @ 70	log	non ww	sw, rtry DPST, 1 Open-1 cl	10	.625	1.041	.250-32	.250	.125	.625	311-1599-00			NP
2.5 k	20	.25 @ 70	log	non ww		10	.625	1.041	.250-32	.250	.125	.625	311-1599-01		5.970	CR
2.5 k	20	1. @ 70	Linear	cmprsn	Switch, Push-push, 2PDT, 2 Open - 2 Closed	7	.625	1.169	.250-32	.250	.125	.750	311-1686-00		6.810	CR
2.5 k	10	.25 @ 70	Linear	cmprsn		3	.625	.700		.125	.125	.375	311-1853-00	U	2.950	CR
2.5 k	20	.125 @ 70	rvs log	cmprsn	sw, rtry DPST, 1 Open-1 cl	10	.625	1.041	.250-32	.250	.125	.625	311-1990-00	U	3.380	CR
2.5 k	20	.5 @ 70	rvs log	cmprsn		2	.625	.656	.250-32	.250	.125	.625	311-2001-00		1.630	CS
2.5 k	10	.5 @ 70	Linear	cmprsn		40A	.516	.610			.125	.133	311-2111-00			DL
2.75 k	10	1.	Linear	cmprsn	Tek-made	85	.625	.415	.250-32		.125	.885	311-1202-00		77.230	LS
3. k	10	.5 @ 70	lin bln	cmprsn		37	.516	.469	.250-32	.250	.125	.500	311-0629-00		2.600	CR
4.7 k	20	1.25 @ 40	Linear	non ww		91	.673	.327			.234	.136	311-2344-00		1.020	CR
5. k	20	2. @ 70	lin bln	cmprsn		41	1.156	.625	.375-32	.375	.249	.750	311-0011-00			OB
5. k	20	2.25 @ 70	Linear	cmprsn					.375-32		.250		311-0049-00			OB
5. k	20	.5 @ 40	lin bln	cmprsn		41	.656	.500	.250-32	.375	.125	.437	311-0067-00			OB
5. k	20	.5 @ 40	lin bln	cmprsn		53	.953	.469	.375-32	.375	.250	.750	311-0117-00			OB
5. k	10	.5 @ 40	lin bln	cmprsn		41	.677	.500	.250-32	.250	.125	.375	311-0171-00			OB
5. k	10	2. @ 40	Linear	ww		41	1.156	.625	.375-32	.375	.249	.750	311-0203-00			OB
5. k	20	.5 @ 70	lin bln	cmprsn		37	.516	.469	.250-32	.368	.125	.750	311-0310-00		1.460	CR
5. k	20	.5 @ 70	Linear	cmprsn		37	.516	.469	.250-32	.368	.125	.750	311-0310-01		1.490	CR
5. k	20	.5 @ 40	Linear	cmprsn		53	.969	.516	.375-32	.375	.249	.750	311-0368-00	U		OB
5. k	20	.5 @ 70	lin bln	cmprsn		37	.516	.469	.250-32	.250	.125	.375	311-0387-00		1.460	CR
5. k	20	.5 @ 70	lin bln	cmprsn		53	.953	.469	.375-32	.375	.250	.750	311-0398-00			OB
5. k	20	.5 @ 40	lin bln	cmprsn	sw, rtry DPST, 1 Open-1 cl	53A	.969	1.047	.375-32	.375	.249	.750	311-0417-00			OB
5. k	10	4. @ 55	Linear	ww		53	.953	.485	.375-32	.250	.249	.500	311-0475-00	U	2.478	OT
5. k	20	.5 @ 40	lin bln	cmprsn		41	.677	.500	.250-32	.250	.125	.500	311-0566-00		1.530	CR
5. k	10	5. @ 25	rvs log	ww		53	.953	.484	.375-32	.375	.250	.750	311-0587-00			OB
5. k	20	.5 @ 70	Linear	cmprsn	Switch, rtry, SPST, 1 Closed	38	.500	.469	.250-32	.375	.125	.750	311-0656-00			OB
5. k	5	1. @ 70	Linear		Tek-made	87	.715	1.000					311-0701-00		62.640	CR
5. k	10	.25 @ 70	log	cmprsn		37	.520	.500	.250-32	.375	.125	.750	311-0828-00		2.700	CR
5. k	20	.5 @ 40	lin bln	cmprsn		41	.656	.500	.250-32	.250	.125	.250	311-0865-00			DL
5. k	20	.5 @ 70	Linear	cmprsn	Switch, Push-mom, SPDT	52	.672	1.170	.250-32	.312	.125	.582	311-0880-01		6.910	CR
											.078	.945				
5. k	10	.25 @ 70	log	ww		37	.516	.469	.250-32	.250	.125	.500	311-0963-00		1.460	CR
5. k	20	1. @ 70	Linear	cmprsn	Switch, Push-mom, DPDT (See Spec.)	59	.677	1.900	.250-32	.250	.125	.450	311-1055-00		3.580	CR
											.078	.925				
5. k	10	.5 @ 70	lin bln	cmprsn		40	.516	.500	.250-32	.250	.125	.500	311-1068-00		1.465	CR
5. k	10	.25 @ 70	rvs log	cmprsn	Switch, rtry, SPST, 1 Open	38	.516	.500	.250-32	.250	.125	.500	311-1080-00	U	3.680	OT
5. k	10	.5 @ 40	Linear	cmprsn		43	.656	.422	.250-32	.250	.125		311-1122-00		5.140	CR
5. k	10	.5 @ 70	Linear	cmprsn	sw, Push-push (See Spec.)	98	.656	.344	.250-32	.250	.125	1.098	311-1122-01		16.468	CR
5. k	20	.5 @ 40	Linear	cmprsn	sw, rtry, SPST, 1 Closed	53A	.938	.922	.375-32	.438	.249	.688	311-1127-00		4.020	CS

^a See the Resistor & Capacitor Section in Supplement Catalog (#7).

^b For Illustrations, see tab marked Section 6 in the back of this catalog.

^c There are often substantial size variations between different manufacturers. Care should be taken to leave room for the maximum size part indicated on the current Tektronix specification.

^d Dimensions for outer shaft, first line--inner shaft, second line.

^e The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

SINGLE ELEMENT PANEL MOUNT (cont)

Res Ω	Tol ± %	Power W @ °C	Taper ^a	Element Type	General and Switch Information	Fig ^b	Body Dimension ^c		Bushing		Shaft ^d (Nom)		Part Number	Codes ^e		
							Max Dia	Max Length	Dia	Nom Length	Dia	Length Including Bushing		ND	Cost	ST
5. k	20	1. @ 70	Linear	cmpsn	Shaft Hollow	41	.656	.422	.250-32	.250	.125	.562	311-1144-00		2.000	CR
5. k	10	1. @ 70	lin bln	cmpsn	Switch, rtry, SPST, 1 Closed	50	.656	.797	.250-32	.250	.125	.625	311-1180-00			OB
5. k	20	2. @ 40	Linear	ww	Knurled Shaft	41	.953	.484	.375-32	.375	.249	.609	311-1189-00		3.030	CR
5. k	20	.5 @ 70	lin bln	cmpsn		40	.516	.500	.250-32	.250	.125	1.750	311-1301-00		1.460	OT
5. k	10	1. @ 70	Linear	cmpsn	Switch, Push-mom, SPST	49	.656	1.000	.250-32	.312	.125	.585	311-1320-00		3.840	CR
											.078	.945				
5. k	10	1. @ 70	Linear	cmpsn	Switch, Push-mom, SPST	49	.656	1.141	.250-32	.312	.125	.585	311-1320-01		3.010	CR
											.078	.945				
5. k	10	.5 @ 40	lin bln	cmpsn	Switch, rtry, SPST, 1 Closed	50	.677	.797	.250-32	.250	.125	.625	311-1322-00		3.750	CR
5. k	20	2. @ 70	Linear	Cermet		48	.781	.531	.250-32	.250	.125	.625	311-1327-00		1.880	CS
5. k	10	1. @ 85	Linear	Cermet		27	.516	.500	.250-32	.250	.125	.625	311-1332-00		4.200	CR
5. k	20	.5 @ 70	Linear	C.P. ^f		1	.625	.625	.250-32	.250	.125	.625	311-1368-00		2.440	CR
5. k	20	1. @ 70	Linear	cmpsn		2	.625	.656	.250-32	.250	.125	.625	311-1373-00		2.600	CR
5. k	20	1. @ 70	Linear	Cermet	Terminals Bent	27	.516	.500	.250-32	.250	.125	.500	311-1400-00		2.250	CR
5. k	20	1. @ 70	Linear	cmpsn	Switch, Rotray, DPST, 2 Open	10	.625	1.041	.250-32	.250	.125	.500	311-1403-00		5.080	CR
5. k	20	1. @ 70	Linear	cmpsn	Switch (3), Rotary, DPST	24	.625	1.814	.250-32	.250	.125	.875	311-1478-00		11.170	CR
5. k	20	1. @ 70	Linear	cmpsn	Switch, Rotary, 2NO	10	.625	1.041	.250-32	.250	.125	.875	311-1479-00		5.830	CR
5. k	20	.5 @ 40	Linear	cmpsn		37	.516	.489	.250-32	.250	.125	.625	311-1482-00		2.220	CR
5. k	20	.5 @ 40	Linear	non ww		37	.516	.489	.250-32	.250	.125	.625	311-1482-01		1.570	CR
5. k	20	1. @ 70	Linear	cmpsn	Switch, rtry, 1 Open-1 Closed	10	.625	1.194	.250-32	.250	.125	.625	311-1491-00			OB
5. k	20	.5 @ 70	Linear	cmpsn		40	.500	.469	.250-32	.250	.125	.438	311-1500-00		1.900	CR
5. k	20	.5 @ 70	Linear	cmpsn	Switch, Rotary, SPST	38A	.516	.500	.250-32	.250	.125	.438	311-1536-00		7.950	CR
5. k	10	.5 @ 70	Linear	cmpsn		40A	.516	.610			.125	.133	311-1583-00		1.460	CR
5. k	20	1. @ 70	Linear	cmpsn	Switch (3), Rotary, DPST	24	.625	1.771	.250-32	.250	.125	.625	311-1588-00		10.540	CR
5. k	10	1. @ 70	lin bln	cmpsn	Sw, Push-push, 2 Open-2 cl	6	.625	1.169	.250-32	.250	.125	.750	311-1602-00		8.020	CR
5. k	20	.5 @ 70	lin bln	cmpsn	AB Only	37	.516	.489	.250-32	.250	.125	.625	311-1607-00		2.620	CR
5. k	20	1. @ 70	Linear	cmpsn	Switch, Push-push, 2PDT, 2 Open - 1 Closed	10	.625	1.175	.250-32	.250	.125	.750	311-1667-00			DL
5. k	10	.5 @ 70	Linear	cmpsn	Switch, rtry DPST, 1 Open-1 cl	16	.625	1.472	.250-32	.375	.125	.625	311-1678-00	U	8.200	CS
					Push-mom, 4PST, 2 Open-2 cl		Nom.				.078	1.125				
5. k	20	.5 @ 70	Linear	cmpsn	Switch, rtry DPST, 1 Open-1 cl	16	.625	1.472	.250-32	.375	.125	.625	311-1678-01			DL
					Push-mom, 4PST, 2 Open-2 cl											
5. k	10	1. @ 70	lin bln	cmpsn	Switch, 2 rtry, 1 Open-1 cl	15	.625	1.391	.250-32	.250	.125	2.125	311-1703-00		18.280	CS
5. k	20	1. @ 70	lin bln	cmpsn	Switch, Push-push, 2 Open-2 cl	10	.625	1.719	.250-32	.250	.125	.750	311-1718-00		8.510	CR
5. k	20	.5 @ 70	lin bln	cmpsn	Rear Extension, .250-32	2B	.641	1.902	.250-32	.250	.125	.625	311-1719-00		7.290	CS
5. k	10	.5 @ 70	Linear	C.P. ^f		27	.516	.500	.250-32	.375	.125	.750	311-1783-00		1.690	CR
5. k	10	1. @ 70	lin bln	cmpsn	Switch, rtry, DPST, 1 Open-1 cl	50	.656	.797	.250-32	.250	.125	.625	311-1792-00		3.580	CS
5. k	10	.375 @ 70	log	cmpsn		2	.641	.649	.250-32	.250	.125	.625	311-1832-00		3.450	CR
5. k	20	.5 @ 70	Linear	cmpsn	Switch, Push-mom, 4PST	6	.625	1.094	.375-32	.375	.249	.562	311-1839-00		11.830	CR
											.125	.937				
5. k	20	.5 @ 70	Linear	cmpsn		40	.516	.500	.250-32	.250	.125	.625	311-1845-00		1.460	CR
5. k	20	.25 @ 70	Linear	Plastic		26	.516	.578			.125	.250	311-1947-00		1.830	CR
5. k	20	.5 @ 40	lin bln	cmpsn	Flat Shaft	77	.969	.469	.312		.125	1.125	311-1978-00		.670	CS
5. k	20	.2 @ 40	Linear	Carbon		84	.559	2.311					311-2037-00		.560	CS
5. k	20	.2 @ 40	Linear	Carbon		84	.559	2.311					311-2037-01		.703	CS
5. k	20	.5 @ 70	Linear	cmpsn	Switch, SP3P On-Off-On	30	.500	.906	.250-32	.250	.125	.625	311-2040-00		4.950	CS
											.078	.875				
5. k	20	.5 @ 70	Linear	cmpsn		44	.516	.422	.250-32	.250	.125	.438	311-2049-00		1.600	CR
5. k	20	.5 @ 70	Linear	non ww		37	.516	.469	.250-32	.250	.125	.500	311-2119-00		1.430	CR
5. k	20	.5 @ 70	Linear	C.P. ^f	Switch, Push-mom, 4PST, 2 Open-2 Closed	6	.125	1.094	.250-32	.250	.125	1.500	311-2123-00		6.230	CR
											.078	1.937				
5. k	20	.5 @ 70	Linear	cmpsn	Flat Shaft	40	.516	.500	.250-32	.213	.125	.680	311-2147-00		.950	CR
5. k	20	.5 @ 70	Linear	non ww	Flat Shaft	37	.516	.489	.250-32	.250	.125	.625	311-2159-00		1.970	CS
5. k	20	.5 @ 70	Linear	C.P. ^f	PCP Bent Forward	2A	.516	.500	.250-32	.250	.125	2.000	311-2163-00		1.640	CR
5. k	20	.5 @ 70	Linear	C.P. ^f	PCP Bent Forward	2A	.516	.500	.250-32	.250	.125	1.375	311-2164-00		3.360	CR
5. k	20	.5 @ 70	Linear	cmpsn		40	.516	.500	.250-32	.250	.125	1.000	311-2165-00			DL
5. k	10	.5 @ 70	Linear	non ww		40	.516	.500	.250-32	.250	.125	.375	311-2167-00		1.880	CR

^a See the Resistor & Capacitor Section in Supplement Catalog (#7).^b For Illustrations, see tab marked Section 6 in the back of this catalog.^c There are often substantial size variations between different manufacturers. Care should be taken to leave room for the maximum size part indicated on the current Tektronix specification.^d Dimensions for outer shaft, first line--inner shaft, second line.^e The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.^f Conductive plastic.

SINGLE ELEMENT PANEL MOUNT (cont)

Res Ω	Tol $\pm \%$	Power W @ °C	Taper ^a	Element Type	General and Switch Information	Fig ^b	Body Dimension ^c		Bushing		Shaft ^d (Nom)		Part Number	Codes ^e		
							Max Dia	Max Length	Dia	Nom Length	Dia	Length Including Bushing		ND	Cost	ST
5. k	20	.5 @ 70	Linear	non ww	Flat Shaft	37	.516	.489	.250-32	.250	.125	.875	311-2174-00	U	1.460	CS
5. k	20	.5 @ 40	Linear	non ww	Switch, SPST, Flat Shaft	40	.516	.500	.250-32	.250	.094	.875	311-2174-01		1.460	CR
5. k	30	.5 @ 70	Linear	non ww		83	.650	1.000			.172	.405	311-2182-00		2.720	CS
5. k	30	.5 @ 70	Linear	non ww	Detent, Flat Shaft	82A	.680 .707	.545	.246	.325	.122	.575	311-2183-00		1.670	CS
5. k	10	.5 @ 70	Linear	C.P. ^f	Flat Shaft, Bent Leads	27	.516	.500	.250-32	.250	.125	.625	311-2186-00	U	2.210	CR
5. k	10	.5 @ 70	Linear	C.P. ^f	Detent, PCP Bent Forward	2A	.516	.500	.250-32	.250	.125	1.375	311-2190-00		1.860	CR
5. k	10	.5 @ 70	Linear	C.P. ^f	3-3/4 Turns Vernier	8A	.688	1.214	.250-32	.250	.125	.625	311-2191-00		5.110	CS
5. k	10	.5 @ 70	Linear	non ww	Flat Shaft, 3-1/4 Turns Vernier	26A	.531	.797	.250	.187	.125	3.250	311-2208-00		3.810	CR
5. k	10	.25 @ 70	Linear	non ww	Flat Shaft	26A	.531	.500	.250	.187	.125	3.250	311-2211-00	U	1.940	CR
5. k	20	.5 @ 70	Linear	non ww	Switch, Rotary, SPST		.516	.797	.250-32	.250	.125	.625	311-2247-00		3.630	PP
5. k	10	.5 @ 40	lin bln	non ww		52	.677	.797	.250-32	.250	.125	.500	311-2304-00		2.680	CR
5. k	30	.5 @ 70	Linear	non ww			.635 .692						311-2308-00			NP
5. k	30	.5 @ 70	Linear	non ww			.635 .692						311-2309-00			NP
5. k	30	.5 @ 70	Linear	non ww			.635						311-2310-00			NP
5. k	20	.5 @ 40	Linear	non ww		37	.520	.500	.250-32	.250	.125	1.875	311-2312-00			NP
5. k	20	.5 @ 40	Linear	non ww	Flat Shaft	37	.520	.500	.250-32	.250	.125	1.875	311-2312-01	U	1.730	CR
5. k	20	.5 @ 40	Linear	non ww	Slotted Shaft		.520	.500	.250-32	.250	.125	1.625	311-2313-00			NP
5. k	20	.5 @ 40	Linear	non ww			.520	.500	.250-32	.250	.125	1.625	311-2313-01		1.690	CR
5. k	30	.25 @ 70	Linear	non ww	Flat Shaft	95	.640	.930	.375-32	.421	.246	.826	311-2317-00		2.490	CR
5. k	30	.5 @ 70	Linear	non ww	Flat Shaft	92	.640	.515	.375-32	.421	.246	.826	311-2318-00	U	1.880	CR
5. k	10	.25 @ 70	lin bln	non ww	Switch, Push-mom, SPDT	96	.531	.906	.250-32	.250	.125	.562 .078	311-2323-00		6.850	CR
5. k	10	.5 @ 70	indep lin 5% ^g	non ww		90	.531	.560	.250-32	.250	.125	1.312	311-2337-00			DL
5. k	20	.5 @ 70	Linear	non ww	Detent, Flat Shaft	82	.650	.565	.375	.375	.172	.780	311-2343-00		2.810	CR
5. k	20	.5 @ 70	Linear	non ww	Flat Shaft	82	.650	.565	.375	.375	.172	.780	311-2345-00		1.370	CR
5. k	10	.25 @ 70	indep lin 5% ^g	non ww	Switch (2), Rotary, SPDT, Detent	100	.531	1.166	.250-32	.250	.125	.500	311-2372-00		8.220	CR
5. k	10	.25 @ 70	indep lin 5% ^g	non ww		90	.531	.560	.250-32	.250	.125	.500	311-2373-00		3.070	CR
5. k	20	.05	Linear	non ww			14.5	9.	M4 x .750	7.	6.	25.	311-2375-00 ^h		1.340	CR
5. k	10	.5 @ 70	Linear	non ww	Surface Mountable		.520	.516					311-2414-00		1.575	CR
5. k	10	.2 @ 85	Linear	non ww			.21 Sq	.15					311-5011-00 ^h		.730	CR
7. k	10	2.25 @ 70	Linear	cmprsn		48	1.156	.625	.375-32	.375	.249	.750	311-0065-00			OB
7. k	20	.5 @ 70	lin bln	cmprsn		53	.953	.469	.375-32	.375	.250	.750	311-0223-00			OB
7. k	20	.5 @ 70	lin bln	cmprsn		53	.953	.469	.375-32	.563	.250	.875	311-0399-00			OB
7.5 k	5	1.5 @ 40	Linear	ww		45	.766	.484	.250-32	.250	.125	.375	311-0388-00			OB
10. k	10	2. @ 40	Linear	ww		48	1.156	.625	.375-32	.375	.249	.750	311-0015-00			OB
10. k	20	2. @ 70	Linear	cmprsn		48	1.156	.593	.375-32	.375	.249	.750	311-0016-00			OB
10. k	10	1. @ 70	rvs log	cmprsn		41	1.156	.625	.375-32	.375	.249	.750	311-0076-00			OB
10. k	20	.5 @ 70	lin bln	cmprsn		53	.953	.469	.375-32	.375	.250	.750	311-0147-00			OB
10. k	10	.5 @ 40	lin bln	cmprsn	Insulator Spacer (.500 long) sw, rtry DPST, 1 Open-1 cl	41	.677	.422	.250-32	.250	.125	.375	311-0153-00	U		OB
10. k	20	.5 @ 70	lin bln	cmprsn		53	.953	.469	.375-32	.375	.250	.750	311-0191-00		16.640	CS
10. k	20	.5 @ 70	lin bln	cmprsn		37	.516	.469	.250-32	.250	.125	.375	311-0326-00		1.490	CR
10. k	20	2. @ 70	lin bln	cmprsn		41	1.156	.625	.375-32	.375	.249	.500	311-0357-00		1.440	OT
10. k	5	3. @ 70	Linear	ww					.375-32		.250		311-0488-00			OB
10. k	10	.5 @ 40	Log	cmprsn		53	.969	.515	.250-32	.312	.125	.688	311-0491-00	U		OB
10. k	20	1. @ 70	Linear	cmprsn		42	.656	.422	.250-32	.375	.125	.750	311-0511-00		8.950	CS
10. k	20	1. @ 70	lin bln	cmprsn		6	.625	1.016	.375-32	.375	.250	.750	311-0523-00			OB
10. k	20	.5 @ 70	lin bln	cmprsn		37	.516	.469	.250-32	.375	.125	.750	311-0546-00		1.490	CR
10. k	5	5. @ 40	Linear	ww		53	.936	.469	.375-32	.375	.250	.750	311-0547-00			OB

^a See the Resistor & Capacitor Section in Supplement Catalog (#7).^b For Illustrations, see tab marked Section 6 in the back of this catalog.^c There are often substantial size variations between different manufacturers. Care should be taken to leave room for the maximum size part indicated on the current Tektronix specification.^d Dimensions for outer shaft, first line—inner shaft, second line.^e The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.^f Conductive plastic.^g Independent Linearity.^h Metric dimensions (mm).

SINGLE ELEMENT PANEL MOUNT (cont)

Res Ω	Tol ± %	Power W @ °C	Taper ^a	Element Type	General and Switch Information	Fig ^b	Body Dimension ^c		Bushing		Shaft ^d (Nom)		Part Number	Codes ^e		
							Max Dia	Max Length	Dia	Nom Length	Dia	Length Including Bushing		ND	Cost	ST
10. k	20	1. @ 70	Linear	cmprsn	Switch, Rotary, SPST, No Shaft, Tek-made	1	.625	.625	.375-32	.375	.250	.750	311-0555-00		4.640	CR
10. k	10	.5 @ 70	lin bln	cmprsn		53	.953	.469	.375-32	.375	.250	.750	311-0599-00			OB
10. k	20	.25 @ 40	log	cmprsn		94	.656	.422	.250-32	.375	.125	.750	311-0651-00		1.940	CS
10. k	10	1. @ 70		ww		87	.750	.965					311-0659-00			OB
10. k	20	.5 @ 40	lin bln	cmprsn	Switch, Rotary, DPST	53A	.969	1.047	.250-32	.375	.125	.750	311-0662-00		1.790	CS
10. k	20	.25 @ 55	Linear	cmprsn		41	.641	.375	.250-32	.375	.125	.750	311-0736-00		9.432	CS
10. k	10	2 @ 70	Linear	Cermet	4-40 Hole in Shaft	41	.781	.531	.375-32	.375	.250	.625	311-0860-00			OB
10. k	5	1.5 @ 40	Linear	Cermet		41	.672		.250-32	.250	.125	.500	311-0959-00		6.050	CR
10. k	20	1. @ 70	Linear	cmprsn	Switch, SPST	50	.656	.797	.250-32	.250	.125	.625	311-0982-00			OB
10. k	10	.25 @ 40	log	cmprsn	With Switch (See Spec.)	43	.656	.422	.250-32	.250			311-1054-00		4.340	CS
10. k	10	.25 @ 40	log	cmprsn		98	.656	2.130	.250-32	.250	.125	.844	311-1054-01		15.648	CS
10. k	5	2 @ 70	Linear	Cermet		41	.781	.531	.375-32	.375	.249	.750	311-1078-00		4.100	CS
10. k	20	.5 @ 70	lin bln	cmprsn		37	.516	.469	.250-32	.250	.125	.625	311-1095-00		1.490	CR
10. k	10	.5 @ 40	Linear	cmprsn	Switch, rtry, SPST, 1 Closed	50	.677	.796	.250-32	.250	.125	.625	311-1104-00		5.430	OT
10. k	20	.5 @ 40	Linear	cmprsn	Tek, 384-1055-00 Shaft, Switch, SPST	43	.677	.422	.250-32	.250			311-1110-00		2.310	CS
10. k	15	1.					.624	.680			8.238		311-1126-00		48.820	CS
10. k	20	1. @ 70	Linear	cmprsn	Switch, Push-mom, DPST, 2 Open - 2 Closed	7	.625	1.094	.250-32	.250	.125	.500	311-1190-00		9.200	CR
10. k	10	.25 @ 40	Linear	C.P. ^f	Switch, Rotary, SPST	50	.677	.796	.250-32	.250	.125	.625	311-1192-00		4.640	CR
10. k	20	1. @ 70	Linear	cmprsn		9	.625	1.000	.250-32	.250	.125	.625	311-1297-00		4.120	CR
10. k	20	.5 @ 70	lin bln	cmprsn	Switch, rtry, DPST, 2 Open	40	.516	.500	.250-32	.250	.125	.500	311-1298-00 ^h		1.460	CR
10. k	20	1. @ 70	Linear	cmprsn		2	.625	.656	.250-32	.250	.125	.625	311-1375-00		2.460	CR
10. k	10	1. @ 85	Linear	Cermet		27	.531	.797	.250-32	.250	.125	.625	311-1424-00		9.160	CR
10. k	20	.5 @ 70	Linear	C.P. ^f		1	.625	.625	.250-32	.250	.125	.625	311-1460-00		3.040	CR
10. k	20	1. @ 70	Linear	cmprsn	sw, rtry, DPST 1 Open-1 cl	9	.610	1.041	.250-32	.250	.125	.875	311-1474-00		5.920	CR
10. k	20	.5 @ 70	Linear	cmprsn		2	.625	.656	.250-32	.250	.125	.875	311-1476-00		4.120	CR
10. k	20	.5 @ 70	Linear	cmprsn		40	.516	.500	.250-32	.250	.125	.438	311-1496-00		1.670	CR
10. k	20	1. @ 70	Linear	cmprsn		7	.625	1.016	.250-32	.250	.125	.625	311-1518-00		5.960	CR
10. k	20	1. @ 70	Linear	cmprsn	Switch, Rotary, DPST	10	.625	1.041	.250-32	.250	.125	.625	311-1587-00		4.340	CR
10. k	10	1. @ 70	Linear	cmprsn		41	.677	.422	.250-32	.250	.125	.625	311-1590-00		7.430	CR
10. k	20	.5 @ 70	Linear	non ww		37	.516	.500	.250-32	.230	.125	1.350	311-1637-00 ^h		1.850	CR
10. k	20	.5 @ 70	Linear	non ww		37	.516	.500	.250-32	.313	.125	.962	311-1634-00		1.190	OT
10. k	10	1. @ 70	Linear	cmprsn	Switch, Rotary, SPST	50	.677	.796	.250-32	.375	.125	.703	311-1647-00		4.200	CR
10. k	20	1 @ 70	lin bln	cmprsn	Switch, Rotary, Push-push	16	.625	1.427	.250-32	.250	.125	.625	311-1715-00		6.700	CR
10. k	10	1. @ 70	Linear	cmprsn	Flat Shaft	41	.625	.391	.375-32	.375	.125	1.125	311-1723-00		2.170	CS
10. k	10	.5 @ 70	rvs log	cmprsn		80	.625	.391	.250-32	.250	.125	1.125	311-1725-00		1.860	CS
10. k	10	.25 @ 70	log	cmprsn	Switch, Rotary, DPST	2	.625	.656	.250-32	.250	.125	.515	311-1747-00		1.930	CR
10. k	10	1. @ 70	Linear	cmprsn		50	.656	.796	.250-32	.250	.125	.625	311-1763-00		5.940	CR
10. k	10	1 @ 70	lin bln	cmprsn	2.5% Zero Base Linearity Switch, Rotary, SPST Switch, Rotary, DPST Push-mom, 4PST	50	.656	.796	.250-32	.250	.125	3.750	311-1766-00		2.850	CS
10. k	3	2. @ 70	Linear	Cermet			.630	.577	.375-32	.375	.249	.750	311-1770-01		3.820	CR
10. k	10	.25 @ 70	log	cmprsn		38	.516	.500	.250-32	.250	.125	.625	311-1828-00		10.740	CS
10. k	10	.5 @ 70	log	cmprsn		16	.625	1.427	.375-32	.375	.249	.562	311-1838-00		11.120	CS
10. k	10	.5 @ 70	rvs log	cmprsn	Switch, Rotary, DPST, Push-mom, 4PST No Bushing	1	.641	.641	.250-32	.250	.125	.625	311-1840-00		2.200	CS
10. k	20	.5 @ 70	lin bln	cmprsn		37	.516	.489	.250-32	.375	.094	.750	311-1844-00		1.580	CS
10. k	10	.5 @ 70	Linear	C.P. ^f		16	.641	1.556	.250-32	.250	.125	1.562	311-1864-00		8.750	CR
10. k	10	.5 @ 70	Linear	cmprsn		40A	.516	.500			.078	1.937	311-1884-00		1.610	CS
10. k	20	.5 @ 70	Linear	cmprsn		40A	.516	.500		.172	.125	.550	311-1885-00		11.200	CS

^a See the Resistor & Capacitor Section in Supplement Catalog (#7).^b For Illustrations, see tab marked Section 6 in the back of this catalog.^c There are often substantial size variations between different manufacturers. Care should be taken to leave room for the maximum size part indicated on the current Tektronix specification.^d Dimensions for outer shaft, first line--inner shaft, second line.^e The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.^f Conductive plastic.^g Extended.^h Safety controlled.

SINGLE ELEMENT PANEL MOUNT (cont)

Res Ω	Tol $\pm \%$	Power W @ $^{\circ}\text{C}$	Taper ^a	Element Type	General and Switch Information	Fig ^b	Body Dimension ^c		Bushing		Shaft ^d (Nom)		Part Number	Codes ^e		
							Max Dia	Max Length	Dia	Nom Length	Dia	Length Including Bushing		ND	Cost	ST
10. k	20	.5 @ 70	Linear	cmpsn	Switch, Rotary, DPST (2)	40A	.516	.500		.090	.125	.406	311-1886-00		11.160	CS
10. k	10	1. @ 70	Linear	cmpsn		16	.625	1.391	.375-32	.250	.125	.875	311-1942-00		7.420	CS
10. k	20	.5 @ 70	Linear	C.P. ^f		33	.500	.800	.250-32	.250	.125	.600 ^g	311-1977-00		13.840	CS
10. k	20	.5 @ 70	Linear	cmpsn		44	.516	.422	.250-32	.250	.125	.750	311-2051-00		2.000	CR
10. k	10	.5 @ 70	Linear	C.P. ^f		1	.625	.625	.250-32	.250	.125	.625	311-2061-00		3.220	CR
10. k	10	.25 @ 70	Linear	C.P. ^f	Switch, Push-mom, 4PST	9A	.641	1.131	.375-32	.375	.250	1.060	311-2078-00		72.590	CS
											.078	1.510				
10. k	20	.5 @ 70	Linear	C.P. ^f	Switch, Rotary, DPST	6	.625	1.016	.250-32	.250	.125	.500	311-2089-00		3.290	CR
10. k	20	.5 @ 70	Linear	C.P. ^f	Switch, Rotary, Push-pull	16	.625	1.544	.250-32	.250	.125	.625 ^g	311-2091-00		6.550	CR
10. k	10	.5 @ 70	Linear	C.P. ^f	Mini PV Term	27	.516	.500	.250-32	.250	.125	.625	311-2095-00		1.450	CR
10. k	10	.5 @ 70	Linear	C.P. ^f	Switch, Push-push, 2PDT	27C	.516	1.866	.250-32	.250	.078	.937 ^g	311-2105-00		4.100	CR
10. k	10	.5 @ 70	Linear	cmpsn	All Plastic Construction	40A	.516	.610			.125	.133	311-2110-00		1.160	CS
10. k	20	.25 @ 70	Linear	C.P. ^f		1	.625	.625	.250-32	.250	.125	.625	311-2114-00		2.600	CS
10. k	20	.25 @ 70	Linear	C.P. ^f		10A	.641	1.047	.250-32	.375	.125	.750	311-2126-00		3.510	CS
10. k	20	.5 @ 70	Linear	non ww		40	.516	.500	.250-32	.250	.125	.562	311-2132-00			OB
10. k	20	.5 @ 70	Linear	C.P. ^f		39	.516	.469	.250-32	.375	.125	1.187	311-2141-00		10.350	CS
10. k	20	.5 @ 70	Linear	C.P. ^f	No Stops	1	.703	.515	.250-32	.250	.121	.625	311-2173-00		14.280	CS
10. k	10	.5 @ 70	Linear	non ww	Coupler Shaft	27A	.640	.515	.249	.225			311-2179-00		2.080	CR
							.703									
10. k	10	.5 @ 70	Linear	C.P. ^f	sw, rtry, SPDT, Flat Shaft	30A	.516	.797	.250-32	.250	.125	.625	311-2187-00		4.580	CR
10. k	20	.5 @ 70	Linear	C.P. ^f	Flat Shaft, Metal Spacer	39	.516	.469	.250-32	.375	.094	1.312	311-2201-00			DL
10. k	20	.5 @ 70	Linear	C.P. ^f	Coupler Shaft	27B	.703	.515	.375-32	.375	.249	.625	311-2203-00			DL
10. k	20	.25 @ 70	Linear	C.P. ^f	Switch, Rotary DPST	10	.641	1.046	.250-32	.250	.125		311-2218-00	U	3.760	CR
10. k	20	.5 @ 70	non lin	non ww		82	.707	.565	.375-32	.375	.172	.833	311-2222-00		1.880	CR
10. k	20	.5 @ 70	Linear	non ww		89	.520	.500	.250-32	.250	.123	.875	311-2266-00	U	1.220	CR
10. k	20	.25 @ 70	Linear	cmpsn		40	.520	.500	.250-32	.250	.125	.625	311-2298-00	U	1.430	CR
10. k	20	.25 @ 70	Linear	cmpsn		40	.520	.500	.250-32	.250	.125	.625	311-2298-01		2.342	CR
10. k	10	.25 @ 40	Linear	non ww		50	.677	.796	.250-32	.250	.125	.625	311-2303-00		5.360	CR
											.078	.906				
10. k	10	.25 @ 70	Linear	non ww	Switch, Rotary, SPDT	34A	.531	1.422	.250-32	.250	.125	.625	311-2325-00		10.410	CR
10. k	10	.25 @ 70	Linear	non ww	Switch, Rotary, SPDT & Push-mom SPDT	90	.531	.500	.250-32	.250	.125	.625	311-2326-00		2.460	CR
10. k	10	.125 @ 70	log	non ww		86	.531	1.391	.250-32	.250	.125	.562	311-2327-00		12.080	CR
											.078	.937				
10. k	20	.25 @ 70	Linear	non ww	Switch, SPDT, Double Detent		.600	.781		.250		1.156	311-2332-00		3.970	CR
10. k		1.	Linear	non ww									311-2370-00		2.310	PP
10. k	20	.5 @ 40	lin bln	non ww		94	.677	.500	.250-32	.255	.125	.531	311-2371-00		2.310	CR
10. k	10	.25 @ 70	indep lin 5% ⁱ	non ww			.531 Sq	.560	.250-32	.250	.125	.500	311-2443-00	U	5.340	CR
10. k	10	.2 @ 85	Linear	non ww			.21 Sq	.15					311-5031-00 ^h		1.200	CR
15. k	10	.5 @ 40	Linear	cmpsn		53	.953	.469	.375-32	.375	.250	.750	311-0112-00			OB
15. k	10	2. @ 40	Linear	ww		41	1.156	.625	.375-32	.375	.249	.750	311-0294-00			OB
15. k	5	2. @ 70	Linear	ww		34			.375-32		.250		311-0489-00			OB
15. k	10	.5 @ 40	lin bln	cmpsn		53	.593	.469	.375-32	.375	.250	.750	311-0571-00	U		OB
15. k	20	.125 @ 40	Linear	cmpsn		41	.656	.422	.250-32	.312	.125	.688	311-0585-00		2.710	CR
15. k	10	.5 @ 70	Linear	cmpsn		37	.516	.469	.250-32	.250	.125	.500	311-1005-00		2.190	CR
15. k	10	.25 @ 40	rvs log	cmpsn	With Switch (See Spec.)	43	.656	.422	.250-32	.250			311-1147-00		5.020	CR
15. k	10	.25 @ 40	rvs log	cmpsn			.656	2.130	.250-32	.250		.854	311-1147-01		16.328	CR
15. k	20	1. @ 70	lin bln	cmpsn		50	.656	.796			.078	5.250	311-1714-00			DL
15. k	20	1. @ 70	lin bln	cmpsn		50	.656	.796			.078	1.700	311-1714-01	U	3.150	CR
15. k	10	.5 @ 70	Linear	cmpsn		6	.625	1.169	.250-32	.250	.125	.750	311-1851-00		6.830	CR
15. k	10	.25 @ 70	Linear	Plastic	w/Switch, Push-push, 2PDT	35	.516	1.866	.250-32	.250	.078	.937 ^g	311-2104-00		3.950	CR
											.125	.450				
20. k	20	2. @ 70	lin bln	cmpsn	Switch, rtry, SPDT, Flat Shaft	48	1.156	.593	.375-32	.375	.250	.750	311-0018-00			OB
20. k	10	3. @ 40	Linear	ww	Switch, Rotary, SPDT	41	1.719	.812	.375-32	.375	.250	.750	311-0053-00		1.600	CS
20. k	10	2. @ 40	Linear	ww	Switch, Rotary, SPDT	50	1.156	1.219	.375-32	.375	.249	.750	311-0108-00			OB

^a See the Resistor & Capacitor Section in Supplement Catalog (#7).^b For illustrations, see tab marked Section 6 in the back of this catalog.^c There are often substantial size variations between different manufacturers. Care should be taken to leave room for the maximum size part indicated on the current Tektronix specification.^d Dimensions for outer shaft, first line—inner shaft, second line.^e The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.^f Conductive plastic.^g Extended.^h Metric dimensions (mm).ⁱ Independent Linearity.

SINGLE ELEMENT PANEL MOUNT (cont)

Res Ω	Tol ± %	Power W @ °C	Taper ^a	Element Type	General and Switch Information	Fig ^b	Body Dimension ^c		Bushing		Shaft ^d (Nom)		Part Number	Codes ^e		
							Max Dia	Max Length	Dia	Nom Length	Dia	Length Including Bushing		ND	Cost	ST
20. k	10	.5 @ 40	lin bln	cmpsn	Switch, Push-push, SPST	41	.677	.500	.250-32	.250	.125	.375	311-0159-00	U	1.990	OB
20. k	20	.5 @ 40	lin bln	cmpsn		53A	.969	1.125	.375-32	.375	.185	.890 ^g	311-0166-00			OB
20. k	10	.5 @ 40	lin bln	cmpsn		41	.677	.500	.250-32	.375	.125	.750	311-0170-00			CR
20. k	20	.5 @ 70	lin bln	cmpsn		41	.953	.469	.375-32	.375	.250	.750	311-0315-00			OB
20. k	10	.5 @ 40	lin bln	cmpsn		41	.656	.500	.250-32	.375	.125	.625	311-0345-00			CS
20. k	20	.5 @ 40	lin bln	cmpsn	sw, rtry, SPST, 1 Open-1 cl	53	.968	.515	.375-32	.375	.249	.750	311-0364-00	U	1.480	OB
20. k	20	.5 @ 40	lin bln	cmpsn		51	.969	.469	.375-32	.375	.249	.750	311-0403-00			CR
20. k	20	.5 @ 70	lin bln	cmpsn		37	.516	.469	.250-32	.250	.125	.375	311-0448-00			OB
20. k	20	.5 @ 70	lin bln	cmpsn		53A	.953	.985	.375-32	.375	.250	.750	311-0554-00			OB
20. k	20	.5 @ 70	log	cmpsn		37	.531	.469	.250-32	.250	.125	.375	311-0579-00			OB
20. k	20	.5 @ 40	Linear	cmpsn	Switch, rtry, SPST, 1 Closed	53A	.953	.985	.250-32	.375	.125	.750	311-0640-00	U	1.450	CS
20. k	20	.5 @ 70	Linear	cmpsn		37	.516	.469	.250-32	.375	.125	.750	311-0642-00			CR
20. k	20	.5 @ 40	lin bln	cmpsn	Switch, rtry, SPDT, 1 Open	53A	.969	1.047	.250-32	.375	.125	.750	311-0681-00		OB	
20. k	10	.5 @ 70	lin bln	cmpsn		37	.516	.500	.250-32	.250	.125	.500	311-0881-00		CR	
20. k	10	.25 @ 40	Linear	cmpsn		43	.677	.422	.250-32	.250			311-1017-00		CS	
20. k	10	.5 @ 70	Linear	cmpsn	w/Switch, Push-push (See Spec.)	92	.677	2.130	.250-32	.250	.125	1.098	311-1017-01		21.768	CS
20. k	5	2. @ 70	Linear	cmpsn		41	1.094	.591	.375-32	.375	.249	.750	311-1067-00	U	1.490	OB
20. k	10	.5 @ 70	lin bln	cmpsn		40	.516	.500	.250-32	.250	.125	.750	311-1155-00			CR
20. k	20	.25 @ 55	Linear	cmpsn		72	.641	.375			.125	.843	311-1170-00			CR
20. k	10	1. @ 70	Linear	cmpsn	Switch, Push-pull, 4PST, 2 Open - 2 Closed	41	.656	.422	.250-32	.250	.125	.625	311-1197-00	U	13.545	OB
20. k	30	.25 @ 55	Linear	cmpsn		53	.641	.390	.250-32	.375	.125	.750	311-1220-00			CR
20. k	20	1. @ 70	Linear	cmpsn		7	.625	1.169	.250-32	.250	.125	.750	311-1310-00			CR
20. k	20	1. @ 70	Linear	cmpsn		1	.625	.625	.250-32	.375	.125	.625	311-1316-00			CR
20. k	20	.5 @ 70	Linear	cmpsn		7	.641	1.047	.250-32	.250	.125	.625	311-1321-00			CR
20. k	10	.5 @ 70	log	cmpsn	Switch, Rotary, DPST, 1 Open-1 Closed	10	.625	1.000	.250-32	.250	.125	.625	311-1394-00		5.030	CR
20. k	20	1. @ 70	Linear	cmpsn	Switch, Rotary, DPST, 1 Open-1 Closed	10	.641	1.047	.250-32	.250	.125	.500	311-1402-00		8.280	CR
20. k	20	.25 @ 55	Linear	cmpsn	Switch, Rotary, SPST	71	.766	.760			.125	.844	311-1422-00	U	8.584	CS
20. k	20	.25 @ 55	Linear	non ww		27	.640	.534		.140	.125	.843	311-1406-00			CR
20. k	20	.5 @ 70	lin bln	cmpsn		38	.500	.703	.250-32	.250	.125	.625	311-1426-00			CR
20. k	20	1. @ 70	Linear	cmpsn		2	.625	.656	.250-32	.250	.125	.625	311-1428-00			CS
20. k	20	.5 @ 70	Linear	cmpsn		40	.516	.500	.250-32	.250	.125	.438	311-1498-00			CR
20. k	10	.5 @ 70	Linear	cmpsn	Switch, Rotary, SPST Hole in Rear Cover	1	.625	.625	.250-32	.250	.125	.625	311-1524-00	U	3.450	CR
20. k	10	1. @ 70	lin bln	cmpsn		50	.656	.828	.250-32	.250	.125	.500	311-1537-00			CS
20. k	20	1. @ 70	Linear	cmpsn		2	.625	.700	.250-32	.250	.125	.625	311-1598-00			OB
20. k	10	.5 @ 70	Linear	cmpsn		10	.625	1.047	.250-32	.250	.125	.625	311-1666-00			CR
20. k	20	1. @ 70	lin bln	cmpsn		10	.625	1.041	.250	.125	.125	.375	311-1702-00			CS
20. k	20	1. @ 70	lin bln	cmpsn	Flat Shaft	2	.625	.656	.250-32	.250	.125	.750	311-1710-00	U	3.150	CR
20. k	10	1. @ 70	Linear	Cermet		37	.375	.469	.250-32	.250	.125	.625	311-1712-00			CR
20. k	10	1. @ 70	Linear	C.P. ^f		78	.750	.391	.375-32	.375	.125	1.125	311-1724-00			CS
20. k	10	1. @ 70	Linear	cmpsn		80	.625	.391	.250-32	.250	.125	1.125	311-1727-00			CS
20. k	20	.5 @ 40	lin bln	cmpsn		77	.969	.469	.312		.125	1.125	311-1787-00			CS
20. k	20	.5 @ 40	lin bln	cmpsn	Flat Shaft	77	.969	.469	.312		.125	1.125	311-1788-00	U	2.020	CS
20. k	20	1. @ 70	lin bln	cmpsn	50	.677	.796	.250-32	.250	.125	.625	311-1793-00	CS			
20. k	10	.25 @ 70	Linear	cmpsn	Switch, Rotary, DPST, 1 Open-1 Closed	19	.725	1.459	.250-32	.250	.125	.750	311-1803-00		9.890	CR
20. k	5	.5 @ 85	log	Cermet	Flat Shaft	26	.516	.578		.125	.156	.813	311-1817-00	U	9.870	CS
20. k	10	1. @ 70	Linear	Cermet		37	.375	.469	.250-32	.250	.125	.312	311-1880-00			CR
20. k	10	1. @ 70	Linear	cmpsn		2	.625	.656	.250-32	.250	.125	.625	311-1888-00			CR
20. k	20	.75 @ 70	Linear	C.P. ^f		2	.625	.656	.250-32	.250	.125	.625	311-1930-00			OB
20. k	20	1. @ 70	Linear	cmpsn		6	.615	1.016	.250-32	.250	.125	.500	311-1939-00			OB
					Switch, Rotary, DPST, 1 Open-1 Closed											

^a See the Resistor & Capacitor Section in Supplement Catalog (#7).^b For Illustrations, see tab marked Section 6 in the back of this catalog.^c There are often substantial size variations between different manufacturers. Care should be taken to leave room for the maximum size part indicated on the current Tektronix specification.^d Dimensions for outer shaft, first line--inner shaft, second line.^e The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.^f Conductive plastic.

SINGLE ELEMENT PANEL MOUNT (cont)

Res Ω	Tol \pm %	Power W @ $^{\circ}\text{C}$	Taper ^a	Element Type	General and Switch Information	Fig ^b	Body Dimension ^c		Bushing		Shaft ^d (Nom)		Part Number	Codes ^e		
							Max Dia	Max Length	Dia	Nom Length	Dia	Length Including Bushing		ND	Cost	ST
20. k	20	.5 @ 70	Linear	C.P. ^f	Switch, Push-mom, 4PST 2 Open - 2 Closed	9	.641	1.119	.250-32	.250	.125 .078	.500 .922 ^g	311-1963-00		13.220	CR
20. k	10	1. @ 70	Linear	cmpsn	sw, rtry, DPST, 1 Open-1 cl	1	.625	.625	.250-32	.250	.125	.500	311-1995-00			OB
20. k	20	1. @ 70	lin bln	Plastic		50	.656	.796	.250-32	.250	.125	.500	311-2007-00		3.790	CR
20. k	20	.25 @ 70	Linear	C.P. ^f		34	.500	1.281	.250-32	.250	.125	.625 ^g	311-2017-00		8.100	CR
20. k	20	.5 @ 70	Linear	non ww		44	.516	.422	.250-32	.250	.125	.438	311-2052-00		1.600	CR
20. k	20	.5 @ 70	Linear	non ww	Flat Shaft Flat Shaft	44	.516	.422	.250-32	.250	.125	.750	311-2054-00		1.480	CR
20. k	20	.25 @ 70	Linear	non ww		27	.500	.500	.250-32	.250	.125	.625	311-2063-00		1.960	CS
20. k	10	.5 @ 70	Linear	cmpsn		37	.516	.469	.250-32	.250	.125	.562	311-2073-00		1.490	CR
20. k	10	.5 @ 70	Linear	non ww		34B	.500	.797	.250-32	.250	.125	.562	311-2074-00			OB
20. k	20	.5 @ 70	Linear	non ww		37	.516	.469	.250-32	.250	.125	.625	311-2120-00		1.460	CR
20. k	20	.5 @ 70	Linear	non ww		44	.516	.422	.250-32	.250	.125	1.000	311-2124-00		2.770	CR
20. k	20	.5 @ 70	Linear	non ww		40	.516	.500	.250-32	.213	.125	.670	311-2148-00		1.390	CS
20. k	10	.25 @ 70	Linear	non ww		32	.531	.797	.250	.187	.125	3.250	311-2209-00		3.810	CR
20. k	10	1. @ 70	Linear	Cermet		40	.391	.469	.250-32	.250	.125	.375	311-2171-00		3.070	CR
20. k	10	.25 @ 70	Linear	C.P. ^f	Flat Shaft	26B	.531	.500	.250	.187	.125	3.250	311-2212-00	U	1.940	CR
20. k	10	.25 @ 70	Linear	non ww		26B	.531	.500	.250	.187	.125	3.000	311-2212-01		2.810	CR
20. k	20	.25 @ 55	Linear	non ww	Hollow Shaft	27	.640	.534		.140	.125	.843	311-2250-00		2.230	CR
20. k	20	.5 @ 70	Linear	non ww		40	.520	.500	.250-32	.250	.124	.625	311-2287-00		1.450	CR
20. k	30	.5 @ 70	Linear	non ww			.635/ .702						311-2311-00			DL
20. k	10	.25 @ 70	Linear	non ww			.531	.500	.250	.125	.125	.375	311-2333-00			DL
25. k	20	.5 @ 70	lin bln	cmpsn	sw, rtry, DPST, 2 Closed Switch, Rotary, DPST Switch, Rotary, SPST	37	.531	.469	.250-32	.250	.125	.375	311-0390-00			OB
25. k	20	2. @ 70	Linear	cmpsn		41	1.156	.625	.375-32	.375	.249	1.437	311-0636-00			OB
25. k	10	2. @ 70	Linear	Plastic		41	1.094	.594	.375-32	.367	.249	.593	311-1097-00			OB
25. k	20	.5 @ 70	Linear	cmpsn		7	.641	1.016	.250-32	.250	.125	.625	311-1410-00		3.780	CS
25. k	20	.5 @ 70	Linear	cmpsn	Switch, Rotary, DPST Switch, Rotary, SPST	15	.625	1.391	.250-32	.375	.125	.625	311-1852-00			CM
25. k	20	.25 @ 70	lin bln	non ww		38A	.516	.500	.250-32	.250	.125	.625	311-2057-00		3.760	CS
25. k	10	.5 @ 70	Linear	cmpsn		40A	.516	.610			.125	.133	311-2109-00		1.160	CS
25. k	10	.25 @ 70	Linear	non ww			.516	.797	.250-32	.125	.125	.435	311-2289-00		3.500	CR
25. k	10	.25 @ 70	Linear	non ww	Switch, Rotary, SPDT SPDT, Clockwise Detent	100	.532				.375	.375	311-2348-00		3.880	CR
30. k	10	.5 @ 70	lin bln	cmpsn		37	.516	.469	.250-32	.250	.125	.375	311-0487-00		1.460	CR
30. k	20	.5 @ 40	lin bln	cmpsn		41	.656	.500	.250-32	.250	.125	.375	311-0519-00			OB
47. k	20	.05 @ 40	Linear	C.P. ^f		92	.394	.394	M7 x .750	.276	.118	.394	311-2215-00		3.750	CR
47. k	20	.05 @ 40	Linear	C.P. ^f	All Plastic Construction	92	.394	.394	M7 x .750	.276	.118	.394	311-2215-01		4.793	CR
50. k	20	2. @ 70	lin bln	cmpsn		41	1.094	.594	.375-32	.375	.249	.750	311-0023-00			OB
50. k	20	.5 @ 40	lin bln	cmpsn		41	.656	.500	.250-32	.375	.125	.563	311-0125-00		1.660	CS
50. k	10	.5 @ 40	lin bln	cmpsn		41	.677	.500	.250-32	.250	.125	.375	311-0154-00			OB
50. k	10	.5 @ 40	lin bln	cmpsn/ Cermet	sw, rtry, SPST, 1 Closed Hollow Shaft w/Hole in Rear Cover	41	.677	.422	.250-32	.375	.125	.750	311-0160-00	U	1.990	CR
50. k	10	1. @ 70	lin bln	cmpsn		41	.656	.677	.250-32	.375	.125	.625	311-0164-00		1.990	CR
50. k	5	2. @ 40	Linear	ww		41	1.188	.656	.375-32	.375	.250	.750	311-0218-00		4.870	CS
50. k	20	.5 @ 70	lin bln	cmpsn		53	.953	.469	.375-32	.375	.250	.750	311-0224-00		.884	CS
50. k	10	.5 @ 70	lin bln	cmpsn	sw, rtry, SPST, 1 Closed Hollow Shaft w/Hole in Rear Cover	53	.953	.469	.375-32	.375	.250	.500	311-0305-00			OB
50. k	20	.5 @ 70	lin bln	cmpsn		37	.516	.469	.250-32	.250	.125	.360	311-0329-00		1.460	CR
50. k	20	.5 @ 70	lin bln	cmpsn		37	.516	.469	.250-32	.375	.125	.750	311-0580-00	U	1.460	CR
50. k	20	.5 @ 70	Linear	cmpsn		38	.500	.703	.250-32	.375	.125	.750	311-0645-00	U	4.270	CR
50. k	10	.5 @ 40	Linear	cmpsn		41	.677	.322	.250-32	.375	.125	.875	311-0887-00		4.040	CR
50. k	20	.5 @ 70	lin bln	cmpsn		40	.516	.500	.250-32	.250	.125	.437	311-1044-00		1.470	CR
50. k	20	.25 @ 55	Linear	C.P. ^f	C.P. ^f non ww cmpsn	27	.640	.534		.140	.125	.843	311-1172-00		2.320	CR
50. k	20	.25 @ 55	Linear	non ww		27	.640	.534		.140	.125	.843	311-1172-01		2.190	CR
50. k	20	.5 @ 70	Linear	cmpsn		37	.750	.800	.250-32	.250	.125	.600	311-1325-00		12.680	CR
50. k	20	1. @ 70	Linear	cmpsn		1	.641	.641	.250-32	.250	.125	.625	311-1365-00		2.370	CR

^a See the Resistor & Capacitor Section in Supplement Catalog (#7).^b For Illustrations, see tab marked Section 6 in the back of this catalog.^c There are often substantial size variations between different manufacturers. Care should be taken to leave room for the maximum size part indicated on the current Tektronix specification.^d Dimensions for outer shaft, first line--inner shaft, second line.^e The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.^f Conductive plastic.^g Extended.

SINGLE ELEMENT PANEL MOUNT (cont)

Res Ω	Tol \pm %	Power W @ $^{\circ}\text{C}$	Taper ^a	Element Type	General and Switch Information	Fig ^b	Body Dimension ^c		Bushing		Shaft ^d (Nom)		Part Number	Codes ^e		
							Max Dia	Max Length	Dia	Nom Length	Dia	Length Including Bushing		ND	Cost	ST
50. k	20	1. @ 70	Linear	cmpsn	sw, rtry, DPST, 1 Open-1 cl	10	.625	1.041	.250-32	.250	.125	.500	311-1374-00		4.450	CS
50. k	20	1. @ 70	Linear	cmpsn	Switch, Push-mom, 4PST	7	.625	1.094	.250-32	.250	.125	.500	311-1414-00		3.440	CS
50. k	10	1. @ 70	Linear	cmpsn		1	.625	.625	.250-32	.250	.125	.625	311-1470-00		3.030	CS
50. k	10	.5 @ 70	Linear	cmpsn	Switch, Rotary, SPST	50	.656	.797	.250-32	.250	.125	2.375	311-1527-00		2.960	OT
50. k	20	.5 @ 40	lin bln	cmpsn		41	.677	.422	.250-32	.250	.125	2.400	311-1529-00		1.710	CR
50. k	20	.5 @ 40	lin bln	cmpsn		41	.677	.422	.250-32	.250	.125	2.200	311-1530-00			OB
50. k	10	.25 @ 70	lin bln	cmpsn		40	.516	.531	.250-32	.250	.125	.750	311-1584-00		1.490	CR
50. k	20	1. @ 70	log	cmpsn	sw, rtry, 1 Open-1 Closed Push-push, 2 Open-2 cl	16	.625	1.558	.250-32	.375	.125	.750 ^g	311-1688-00		4.060	CS
50. k	20	.5 @ 70	lin bln	cmpsn		37	.516	.469	.250-32	.375	.125	1.187	311-1689-00		1.460	CS
50. k	20	.25 @ 70	lin bln	cmpsn	sw, rtry, 1 Open-1 Closed	10	.625	1.041	.249	.125	.125	.375	311-1701-00		4.640	CR
50. k	10	.5 @ 70	Linear	C.P. ^f		27	.516	.500	.250-32	.375	.125	.750	311-1782-00		4.380	CR
50. k	20	.5 @ 70	rvs log	cmpsn		2	.625	.656	.250-32	.250	.125	3.250	311-1815-00		2.190	CS
50. k	10	.5 @ 70	log	cmpsn		1	.625	.625	.250-32	.250	.125	.625	311-1833-00		3.220	CR
50. k	10	.5 @ 70	log	cmpsn		2	.625	.656	.250-32	.250	.125	.625	311-1834-00		1.830	CR
50. k	20	1. @ 70	Linear	cmpsn	Switch, Push-mom, 4PST	6	.625	1.169	.250-32	.250	.125	.625	311-1865-00			OB
50. k	20	1. @ 70	Linear	cmpsn	Switch, rtry DPST, 1 Open- 1 Closed, Push-mom, 4PST	16	.625	1.544	.250-32	.250	.125	.625 ^g	311-1866-00			OB
50. k	10	.5 @ 70	Linear	C.P. ^f	Bent Leads	2A	.516	.500	.250-32	.250	.125	1.250	311-1927-00			OB
50. k	10	.5 @ 70	Linear	C.P. ^f		2	.625	.656	.250-32	.250	.125	.625	311-1951-00		2.390	CR
50. k	20	.5 @ 70	Linear	C.P. ^f		2	.625	.656	.250-32	.250	.125	1.750	311-1960-00		3.588	CR
50. k	10	1. @ 25	Linear	Cermet		37	.375	.469	.250-32	.375	.125	.750	311-1970-00	U	2.910	CR
50. k	10	1. @ 25	Linear	Cermet		37	.375	.469	.250-32	.250	.125	.375	311-1971-00		.311	CR
50. k	20	.5 @ 70	Linear	cmpsn	Flat Shaft	2	.641	.656	.375-32	.375	.125	1.250	311-2030-00		3.980	CS
50. k	20	.5 @ 70	Linear	C.P. ^f	Switch, Push-mom, 4PST, 2 Open - 2 Closed	9	.625	1.175	.375-32	.250	.249	.568	311-2045-00		10.940	CS
											.125	.937				
50. k	10	.25 @ 70	Linear	C.P. ^f	Switch, Push-mom, DPST	34	.500	1.000	.250-32	.250	.125	.750 ^g	311-2068-00			OB
50. k	10	.25 @ 70	Special	C.P. ^f	sw, Push-mom, DPST, 1 Open-1 cl, Rotary, SPDT	34A	.500	1.297	.250-32	.250	.125	.750 ^g	311-2069-00			OB
50. k	20	.5 @ 70	Linear	non ww	Flat Shaft	40	.516	.500	.250-32	.213	.125	.670	311-2135-00		1.050	CR
50. k	20	.5 @ 70	Linear	cmpsn		37	.516	.489	.250-32	.250	.125	.625	311-2146-00		1.460	CR
50. k	20	.5 @ 70	Linear	non ww	Flat Shaft	37	.516	.469	.250-32	.375	.125	1.312	311-2202-00			DL
50. k	10	.5 @ 70	Linear	non ww	No Shaft	26A	.640/ .702	.515	.250-32	.250			311-2205-00		2.080	CR
50. k	10	.25 @ 70	Linear	non ww	Flat Shaft	26	.531	.500	.250	.187	.125	2.250	311-2213-00	U	1.800	CR
50. k	10	.5 @ 70	indep lin 5% ^h	non ww		90	.531	.560	.250-32	.375	.125	.687	311-2338-00			DL
50. k	10	.5 @ 70	indep lin 5% ^h	non ww		90	.531	.560	.250-32	.250	.125	1.000	311-2339-00			DL
50. k	10	.5 @ 70	indep lin 5% ^h	non ww		90	.531	.560	.250-32	.250	.125	1.312	311-2340-00			DL
50. k	10	.5 @ 70	indep lin 5% ^h	non ww		90	.531	.560	.250-32	.250	.125	2.375	311-2341-00			DL
50. k	10			non ww	Switch, Push-pull			1.145	.250-32		.094 .156	.968 .687	311-2392-00		7.390	EN
50. k	20	.75 @ 70	Linear				12.3	7.3	5.	8.2			311-2429-00 ⁱ		1.620	EN
50. k	10	.25	Linear	non ww	Switch, Push-mom, SPST			1.035	.250-32		.094 .156	.968 .687	311-2431-00		7.350	EN
50. k	10	.5 @ 70		non ww	Surface Mountable		7. x 9.1	6.4					311-5010-00 ⁱ			EN
75. k	10	2. @ 70	Linear	Cermet	Switch, Rotary, DPST, 1 Open-1 Closed	7	.625	1.016	.250-32	.250	.125	.500	311-1522-00			OB
75. k	10	1. @ 70	Linear	Cermet		1	.625	.625	.250-32	.250	.125	.500	311-1523-00			OB
75. k	10	2. @ 70	Linear	Cermet	Switch (2), Rotary, DPST, 1 Open - 1 Closed	15	.625	1.391	.250-32	.250	.125	.625	311-2070-00		5.870	CS
100. k	20	2. @ 70	lin bln	cmpsn		48	1.156	.593	.375-32	.375	.250	.750	311-0026-00			OB
100. k	20	2. @ 70	lin bln	cmpsn		41	1.156	.625	.375-32	.367	.249	.750	311-0059-00			OB

^a See the Resistor & Capacitor Section in Supplement Catalog (#7).^b For Illustrations, see tab marked Section 6 in the back of this catalog.^c There are often substantial size variations between different manufacturers. Care should be taken to leave room for the maximum size part indicated on the current Tektronix specification.^d Dimensions for outer shaft, first line--inner shaft, second line.^e The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.^f Conductive plastic.^g Extended.^h Independent Linearity.ⁱ Metric dimensions (mm).

SINGLE ELEMENT PANEL MOUNT (cont)

Res Ω	Tol \pm %	Power W @ °C	Taper ^a	Element Type	General and Switch Information	Fig ^b	Body Dimension ^c		Bushing		Shaft ^d (Nom)		Part Number	Codes ^e		
							Max Dia	Max Length	Dia	Nom Length	Dia	Length Including Bushing		ND	Cost	ST
100. k	20	.5 @ 40	lin bln	cmprsn	Switch, Rotary, DPST, 1 Open-1 Closed	41	.656	.500	.250-32	.375	.125	.437	311-0088-00		1.490	OB
100. k	20	.5 @ 70	lin bln	cmprsn		37	.531	.469	.250-32	.375	.125	.500	311-0110-00			CR
100. k	10	.5 @ 40	lin bln	cmprsn		41	.677	.500	.250-32	.250	.125	.375	311-0157-00			OB
100. k	10	.5 @ 40	lin bln	cmprsn		41	.656	.500	.250-32	.375	.125	.625	311-0173-00			OB
100. k	10	.5 @ 40	lin bln	cmprsn		41	.656	.500	.250-32	.375	.125	.750	311-0176-00			OB
100. k	20	.5 @ 70	lin bln	cmprsn	Switch, Rotary, DPST, 1 Open-1 Closed				.375-32		.250		311-0274-00		6.770	CS
100. k	10	.5 @ 40	lin bln	cmprsn		41	.656	.500	.250-32	.375	.125	.563	311-0347-00			OB
100. k	20	.5 @ 70	lin bln	cmprsn		53	.593	.469	.375-32	.375	.250	.750	311-0369-00			CS
100. k	10	.5 @ 70	lin bln	cmprsn		37	.516	.469	.250-32	.375	.125	.750	311-0467-00			CR
100. k	20	.5 @ 70	lin bln	cmprsn		37	.516	.469	.250-32	.375	.125	.750	311-0467-01			CR
100. k	20	.5 @ 70	lin bln	cmprsn	sw, rtry, SPST, 1 Open-1 cl W/Switch	38	.500	.469	.250-32	.250	.094	.500	311-0468-00		4.640	NP
100. k	20	.5 @ 70	lin bln	cmprsn		38	.500	.469	.250-32	.250	.255	.094	311-0468-01			CR
100. k	20	1. @ 70	Linear	cmprsn		53A	.969	1.125	.375-32	.375	.249	.500	311-0524-00			OB
100. k	20	1. @ 70	Linear	cmprsn		41	.656	.422	.250-32	.375	.125	.500	311-0525-00			OB
100. k	10	.5 @ 40	lin bln	cmprsn		41	.656	.500	.250-32	.187	.125	2.437	311-0531-00			OB
100. k	20	.25 @ 70	log	cmprsn	Switch, Push-push, SPST				.375-32		.250		311-0969-00		1.610	OB
100. k	10	.25 @ 70	log	cmprsn		37	.516	.469	.250-32	.250	.125	.625	311-1099-00			CR
100. k	20	.5 @ 70	Linear	cmprsn		37	.516	.469	.250-32	.250	.125	.375	311-1146-00			OB
100. k	20	1. @ 70	Linear	cmprsn					.250-32	.250	.125	.450	311-1159-00			CR
								2.358	.250-32	.250	.078	.925 ^g				
100. k	20	1. @ 70	Linear	cmprsn	Switch, Push-push, 4PDT (See Spec.)	41	.656	.422	.250-32	.375	.125	.624	311-1160-00		1.530	CR
100. k	20	.25 @ 55	Linear	cmprsn		72	.641	.375			.125	.843	311-1171-00			NP
100. k	20	.5 @ 70	lin bln	cmprsn		37	.516	.469	.250-32	.250	.125	.375	311-1200-00			CS
100. k	10	1. @ 70	Linear	C.P. ^f		50	.625	.796	.250-32	.250	.125	.625	311-1203-00			CR
											.078	.907				
100. k	20	.5 @ 70	Linear	cmprsn	Switch, Rotary, SPST	2	.625	.656	.250-32	.250	.125	.625	311-1372-00		1.870	CR
100. k	20	.5 @ 70	Linear	non ww		2	.641	.656	.250-32	.250	.125	.625	311-1372-01			CR
100. k	20	1. @ 70	Linear	cmprsn		15	.625	1.391	.250-32	.375	.125	.625	311-1401-00			CS
100. k	20	.5 @ 70	Linear	cmprsn		40	.500	.469	.250-32	.250	.125	1.125	311-1475-00			CR
100. k	20	.5 @ 70	Linear	C.P. ^f		1	.641	.641	.250-32	.250	.125	.625	311-1483-00			CR
100. k	20	1. @ 70	Linear	cmprsn	Switch (2), Rotary, DPST, 1 Open - 1 Closed	1	.625	.625	.250-32	.250	.125	.500	311-1521-00		2.400	CR
100. k	+10	.5 @ 70	log	C.P. ^f		80	.625	.391	.250	.156	.125	.375	311-1789-00			CS
	-5															
100. k	20	.5 @ 70	lin bln	cmprsn		16	.625	1.427	.250-32	.250	.125	2.500	311-1827-00			CS
											.078	2.875				
100. k	20	.5 @ 70	Linear	cmprsn	sw, rtry, DPST, 1 Open- 1 Closed, Push-nom 4PST	40	.516	.500	.250-32	.250	.125	.500	311-1846-00	U	9.560	OB
100. k	20	.5 @ 70	lin bln	cmprsn		16	.625	1.427	.250-32	.250	.125	.625	311-1883-00			CS
											.078	1.000				
100. k	20	1. @ 70	Linear	cmprsn			.625	1.016	.250-32	.250	.125	.625	311-1949-00			OB
100. k	20	.75 @ 70	Linear	cmprsn			.625	1.094	.250-32	.250	.125	.500	311-1961-00			CR
100. k	20	.5 @ 70	Linear	cmprsn	Switch, Rotary, DPST, 1 Open-1 Closed Switch, Push-nom, 4PST, 2 Open - 2 Closed						.078	.922 ^g			7.870	CR
100. k	20	.5 @ 70	Linear	non ww		37	.516	.469	.250-32	.250	.125	.562	311-2072-00			OB
100. k	20	.5 @ 70	Linear	non ww		37	.516	.469	.250-32	.188	.125	.500	311-2122-00			CR
100. k	20	.5 @ 70	Linear	non ww		37	.516	.489	.250-32	.250	.125	.500	311-2306-00			CR
100. k	20	.5 @ 70	Linear	non ww		1	.641	.625	.250-32	.250	.125	.625	311-2290-00			DL
100. k	20	.5 @ 40	Linear	non ww	sw, rtry SPDT, 1 Open-1 cl	88	.938	.484	.375-32	.375			311-2399-00		1.980	PP
150. k	10	2. @ 70	lin bln	cmprsn		37	1.156	1.125	.250-32	.375	.249	.750	311-0391-00			OB
200. k	10	.5 @ 40	lin bln	cmprsn		41	.677	.500	.250-32	.250	.125	.375	311-0156-00			OB
200. k	20	.5 @ 70	lin bln	cmprsn		53	.953	.469	.375-32	.375	.250	.750	311-0182-00			CS
200. k	20	.5 @ 40	lin bln	cmprsn		41	.656	.500	.250-32	.375	.125	.437	311-0219-00			OB
200. k	20	.5 @ 70	lin bln	cmprsn	Insulator Spacer (1.000)	53B	.953	.469	.375-32	.375	.250	.750	311-0242-00		7.040	OB
200. k	20	.5 @ 70	lin bln	cmprsn		53B	.953	.469	.375-32	.375	.250	.625	311-0264-00			OB
200. k	20	.5 @ 70	lin bln	cmprsn		50	.969	1.125	.375-32	.375	.249	.750	311-0311-00			OB
200. k	20	.5 @ 40	lin bln	cmprsn												OB

^a See the Resistor & Capacitor Section in Supplement Catalog (#7).^b For Illustrations, see tab marked Section 6 in the back of this catalog.^c There are often substantial size variations between different manufacturers. Care should be taken to leave room for the maximum size part indicated on the current Tektronix specification.^d Dimensions for outer shaft, first line--inner shaft, second line.^e The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.^f Conductive plastic.^g Extended.

SINGLE ELEMENT PANEL MOUNT (cont)

Res Ω	Tol ± %	Power W @ °C	Taper ^a	Element Type	General and Switch Information	Fig ^b	Body Dimension ^c		Bushing		Shaft ^d (Nom)		Part Number	Codes ^e		
							Max Dia	Max Length	Dia	Nom Length	Dia	Length Including Bushing		ND	Cost	ST
200. k	20	.5 @ 70	lin bln	cmprsn	Switch, Rotary, DPST	37	.516	.469	.250-32	.375	.125	.750	311-0641-00	U	1.430	CR
200. k	10	.25 @ 70	log	cmprsn		15	.641	1.391	.250-32	.250	.125	.625	311-1216-00		4.870	CS
200. k	20	.5 @ 70	Linear	non ww		89	.516	.469	.250-32	.375	.125	.750	311-2154-00		1.290	CS
250. k	10	2. @ 70	lin bln	cmprsn		48	1.156	.593	.375-32	.375	.249	.750	311-0032-00			OB
250. k	20	.5 @ 70	lin bln	cmprsn		53	.953	.469	.375-32	.375	.250	.750	311-0206-00			OB
250. k	10	2. @ 70	lin bln	cmprsn	w/Slotted Shaft on Top	41	1.109	.594	.375-32	.375	.249	.750	311-0276-00	U		OB
250. k	20	.25 @ 55	lin bln	cmprsn		53	.938	.469	.375-32	.375	.250	.750	311-0373-00			OB
250. k	20	.5 @ 70	Linear	cmprsn		37	.516	.469	.250-32	.375	.125	.500	311-0374-00		11.640	CR
250. k	20	1. @ 70	rvs log	cmprsn		42	.656	.422	.250-32	.375	.125	.625	311-0589-00			OB
250. k	20	1. @ 70	lin bln	cmprsn		41	.677	.422	.250-32	.250	.125	.500	311-0604-00		1.840	CR
250. k	20	1. @ 70	lin bln	cmprsn	Switch, Push-mom, 4PST, 2 Open - 2 Closed Insulator Spacer	41	.656	.422	.250-32	.375	.125	.750	311-0699-00			OB
250. k	10	.5 @ 70	lin bln	cmprsn		37	.516	.469	.250-32	.250	.125	.500	311-1045-00		2.190	CR
250. k	20	1. @ 70	Linear	cmprsn		6	.625	1.094	.250-32	.250	.125	.500	311-1569-00		20.020	CS
											.078	.920				
250. k	20	.5 @ 70	Linear	cmprsn		39	.516	.469	.250-32	.375	.125	.750	311-1847-00		3.690	CR
250. k	20	1. @ 70	Linear	cmprsn	Insulator Spacer (1.125)	1	.625	.625	.250-32	.250	.125	.500	311-1882-00			OB
500. k	20	2. @ 70	lin bln	cmprsn		48	1.156	.593	.375-32	.375	.249	.750	311-0034-00			OB
500. k	20	.5 @ 40	lin bln	cmprsn		41	.565	.500	.250-32	.375	.125	.437	311-0068-00		1.610	CS
500. k	20	.5 @ 70	lin bln	cmprsn		53	.953	.469	.375-32	.375	.250	.750	311-0183-00			OB
500. k	20	.5 @ 70	lin bln	cmprsn		53B	.953	.469	.375-32	.375	.250	.625	311-0188-00			OB
500. k	10	.5 @ 70	lin bln	cmprsn	Insulator Spacer (.875)	37	.516	.469	.250-32	.375	.125	.500	311-0350-00	U	1.490	CR
500. k	20	.5 @ 70	lin bln	cmprsn		37	.516	.469	.250-32	.250	.125	.375	311-0361-00		2.150	CR
500. k	20	.5 @ 40	Linear	cmprsn		53	.968	.516	.375-32	.375	.250	.550	311-0366-00		1.690	OT
500. k	20	.5 @ 40	lin bln	cmprsn		41	.656	.500	.250-32	.375	.125	.625	311-0419-00			OB
500. k	20	.5 @ 40	lin bln	cmprsn		42	.656	.500	.250-32	.375	.125	.750	311-0498-00			OB
500. k	10	1. @ 70	log	Plastic	Switch, rtry, SPST, 1 Open	50	.656	.796	.250-32	.250	.125	.625	311-1342-00		6.750	CS
500. k	20	1. @ 70	Linear	cmprsn	Switch, Push-mom, 4PST	7	.625	1.094	.250-32	.250	.125	.500	311-1415-00		6.010	CS
											.078	.922				
500. k	10	.25 @ 70	log	cmprsn	Switch, rtry, SPST, 1 Open	38	.500	.703	.250-32	.250	.125	.625	311-1431-00		6.570	CS
500. k	20	1. @ 70	lin bln	cmprsn	Switch, Rotary, DPST, 1 Open-1 Closed	15	.625	1.626	.250-32	.250	.125	1.000	311-1732-00		5.080	CS
											.078	1.375				
500. k	10	.5 @ 70	rvs log	cmprsn	sw, DPST, 1 Open-1 Closed	7	.625	1.016	.250-32	.250	.125	.625	311-1837-00		3.760	CS
500. k	20	.5 @ 70	Linear	Carbon		2	.625	.656	.250-32	.250	.125	.625	311-1962-00		2.870	CR
500. k	10	.5 @ 70	Linear	cmprsn		40	.516	.500	.250-32	.250	.125	.625	311-1996-00		1.190	CR
1. M	20	2. @ 70	lin bln	cmprsn	Insulator Spacer (1.125)	48	1.156	.593	.375-32	.375	.249	.750	311-0039-00			OB
1. M	20	.5 @ 70	Linear	cmprsn		53B	.953	.469	.375-32	.375	.125	.750	311-0041-02			OB
1. M	20	.5 @ 40	lin bln	cmprsn		41	.656	.500	.250-32	.375	.125	.750	311-0162-00		1.740	CS
1. M	20	.5 @ 70	lin bln	cmprsn		41	.953	.469	.375-32	.375	.250	.750	311-0184-00			OB
1. M	10	.5 @ 40	lin bln	cmprsn		41	.656	.500	.250-32	.250	.125	.452	311-0252-00			OB
1. M	20	.5 @ 70	lin bln	cmprsn	Insulator Spacer (1.000) Insulator Spacer (.625)	53B	.953	.469	.375-32	.375	.250	.625	311-0261-00			OB
1. M	20	1. @ 70	Linear	cmprsn		42	.677	.422	.250-32	.375	.125	.562	311-0348-00			OB
1. M	20	.5 @ 70	lin bln	cmprsn		53	.953	.469	.375-32	.375	.250	.750	311-0370-00			OB
1. M	20	.5 @ 70	lin bln	cmprsn		37	.516	.469	.250-32	.375	.125	.500	311-0382-00		2.260	CR
1. M	20	.5 @ 70	lin bln	cmprsn		53B	.953	.469	.375-32	.325	.250	.750	311-0415-01			OB
1. M	20	.5 @ 70	lin bln	cmprsn	Insulator Spacer (2.000) Insulator Spacer (1.000) Insulator Spacer (.875)	53B	.953	.469	.375-32	.375	.250	.750	311-0450-01			OB
1. M	20	.5 @ 40	lin bln	cmprsn		42	.656	.500	.250-32	.375	.125	.750	311-0469-00			OB
1. M	20	.5 @ 70	lin bln	cmprsn		39	.531	.469	.250-32	.375	.125	.875	311-0549-00			OB
1. M	20	.5 @ 70	lin bln	cmprsn		39	.531	.469	.250-32	.375	.125	.750	311-0646-00		3.770	CS
1. M	20	.5 @ 70	non lin	cmprsn					.250-32		.125		311-1196-00			OB
1. M	20	1. @ 70	Linear	cmprsn	Switch, 2 Rotary, 1 Open- 1 Closed, Push-mom, 4PST, 2 Open-1 Closed	2	.625	.656	.250-32	.250	.125	.875	311-1477-00		3.540	CR
1. M	20	.5 @ 70	Linear	cmprsn	Insulator Spacer (1.000)	2	.641	.649	.372-32	.375	.2475	.750	311-1633-00		1.680	CS
1. M	20	.5 @ 70	log	cmprsn		80	.625	.391	.250		.125	1.125	311-1728-00		3.600	CS
1. M	10	.5 @ 70	lin bln	cmprsn		40	.516	.531	.250-32	.250	.125	.875	311-1753-00		2.120	CR
1. M	30	.25 @ 55	Linear	cmprsn		84	.608	2.538					311-1966-00		6.300	CS
							.313									

^a See the Resistor & Capacitor Section in Supplement Catalog (#7).^b For Illustrations, see tab marked Section 6 in the back of this catalog.^c There are often substantial size variations between different manufacturers. Care should be taken to leave room for the maximum size part indicated on the current Tektronix specification.^d Dimensions for outer shaft, first line--inner shaft, second line.^e The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.^f Conductive plastic.

SINGLE ELEMENT PANEL MOUNT (cont)

Res Ω	Tol ± %	Power W @ °C	Taper ^a	Element Type	General and Switch Information	Fig ^b	Body Dimension ^c		Bushing		Shaft ^d (Nom)		Part Number	Codes ^e		
							Max Dia	Max Length	Dia	Nom Length	Dia	Length Including Bushing		ND	Cost	ST
1. M	20	.25 @ 70	Linear	C.P. ^f	Switch, Rotary, SPDT	33	.516	.797	.250-32	.250	.125	.625	311-2096-00		2.920	CR
1.5 M	10	1. @ 70	lin bln	cmpsn		48	.656	.422	.250-32	.250	.125	.625	311-1716-00		1.760	CR
2. M	20	2. @ 70	lin bln	cmpsn		48	1.109	.594	.375-32	.375	.249	.750	311-0042-00			OB
2. M	20	.5 @ 70	lin bln	cmpsn	Insulator Spacer (1.125)	53B	.953	.469	.375-32	.375	.250	.750	311-0043-02			OB
2. M	20	.5 @ 70	lin bln	cmpsn	Insulator Spacer (1.000)	53B	.953	.469	.375-32	.375	.250	.625	311-0260-00	U	11.660	CS
2. M	10	.5 @ 40	lin bln	cmpsn	Insulator Spacer (2.000)	53B	.969	.469	.375-32	.375	.249	.750	311-0314-01		2.510	OT
2. M	20	1. @ 70	lin bln	cmpsn	Insulator Spacer (.625)	42	.656	.422	.250-32	.375	.125	.625	311-0349-00	U	3.810	CR
2. M	10	1. @ 70	Linear	cmpsn	Insulator Spacer (.875)	42	.656	.422	.250-32	.375	.125	.750	311-0397-01		2.940	CR
2. M	20	.75 @ 70	Linear	cmpsn	Insulator Spacer (.875)	39	.531	.469	.250-32	.375	.125	.875	311-0657-00			OB
2. M	20	.5 @ 40	lin bln	cmpsn		41	.656	.500	.250-32	.250	.125	.375	311-0671-00			OB
2. M	20	.5 @ 70	lin bln	cmpsn	Switch	53A	.953	.985	.375-32	.375	.250	.750	311-0815-00			OB
2. M	20	.2 @ 55	Linear	cmpsn		72	.641	.375			.125	.843	311-1169-00	U	3.300	CR
2. M	20	.5 @ 70	Linear	cmpsn		40	.516	.500	.250-32	.250	.125	.438	311-1495-00		2.190	CR
2. M	20	.25 @ 55	Linear	cmpsn	Switch, Rotary, SPST	70	.656	.595			.125	.843	311-1549-00		7.700	CR
2. M	20	1. @ 70	lin bln	cmpsn	Insulator Spacer (.875)	42	.656	.422	.250-32	.375	.125	1.187	311-1690-00		2.420	CS
2. M	20	.5 @ 70	Linear	cmpsn		40	.516	.500	.250-32	.375	.125	.875	311-1720-00		2.430	CS
2. M	10	.5 @ 70	Linear	C.P. ^f		40	.516	.531	.250-32	.250	.125	.626	311-1967-00		2.120	CR
2. M	20	.5 @ 70	Linear	non ww	Insulator Spacer (.875)	39	.516	.469	.250-32	.375	.125	1.187	311-2139-00 ^g		7.130	CS
2. M	20	.5 @ 70	Linear	non ww	.875 Spacer, Flat Shaft	39	.516	.469	.250-32	.375	.125	1.312	311-2200-00			DL
2. M	20	.75 @ 70	Linear				12.3	7.3	5.	8.2			311-2430-00 ^h		1.620	EN
2.5 M	20	.5 @ 40	Linear	cmpsn		41	.677	.500	.250-32	.125	.125	.375	311-0306-00		6.100	CR
2.5 M	20	.25 @ 40	log	cmpsn		41	.677	.500	.250-32	.250	.125	.437	311-0325-00		1.760	CR
2.5 M	20	.5 @ 70	non lin	cmpsn	Switch, rtry, SPST, 1 Open				.250-32		.125		311-1114-00		4.050	CS
2.5 M	20	.5 @ 70	log	cmpsn	Switch (2), Rotary, DPST, 1 Open - 1 Closed	15	.625	1.500	.250-32	.250	.125	.625	311-1334-00		13.880	CR
											.078	.915				
2.5 M	10	1. @ 70	lin bln	cmpsn		41	.656	.422	.250-32	.250	.125	.625	311-1717-00		2.350	CR
2.5 M	20	1. @ 70	Linear	cmpsn	Switch, 4PST, Push-mom	6	.625	1.169	.250-32	.250	.125	.625	311-1856-00			OB
2.5 M	20	.75 @ 70	Linear	C.P. ^f		2	.625	.656	.250-32	.250	.125	.625	311-1973-00		2.740	CR
2.5 M	20	1. @ 70	lin bln	C.P. ^f		41	.656	.422	.250-32	.375	.125	2.875	311-1991-00		3.060	CR
2.5 M	20	.5 @ 70	log	C.P. ^f		41	.656	.422	.250-32	.250	.125	.625	311-2206-00		5.110	CR
2.5 M	20	1. @ 70	lin bln	non ww	Insulator Spacer (.625)	40	.656	.422	.250-32	.375	.125	.625	311-2282-00		3.560	CR
5. M	20	.5 @ 40	lin bln	cmpsn		41	.677	.500	.250-32	.250	.125	.625	311-0075-00		1.500	CR
5. M	20	.5 @ 40	lin bln	cmpsn	Insulator Spacer (1.000)	53B	.969	.484	.375-32	.375	.249	.750	311-0121-01		1.900	CS
5. M	20	.25 @ 40	Linear	cmpsn	Insulator Spacer (.875)	42	.656	.422	.250-32	.375	.125	.750	311-0254-00		2.850	CR
5. M	20	.5 @ 70	lin bln	cmpsn	Insulator Spacer (2.000)	53B	.953	.469	.375-32	.375	.250	.750	311-0313-01			OB
5. M	20	.5 @ 70	Linear	cmpsn	Insulator Spacer (2.160)	39	.516	.469	.250-32	.375	.125	.750	311-0647-00	U	3.690	OT
5. M	20	.5 @ 70	Linear	cmpsn	Insulator Spacer (1.000)	39	.531	.469	.250-32	.375	.125	1.250	311-0690-01		12.500	CS
5. M	20	.5 @ 70	Linear	cmpsn		37	.531	.469	.250-32	.375	.125	.875	311-0916-00			OB
5. M	20	.5 @ 70	Linear	cmpsn	Insulator Spacer (.875)	39	.531	.469	.250-32	.375	.125	.875	311-0990-00			OB
5. M	20	.5 @ 70	Linear	cmpsn		39	.513	.469	.250-32	.250	.125	1.030	311-1021-00			OB
5. M	20	1. @ 70	Linear	cmpsn		2	.625	.656	.250-32	.250	.125	.750	311-1312-00		2.070	CR
5. M	10	1. @ 70	Linear	cmpsn		1	.625	.625	.375-32	.375	.249	.750	311-1323-00		6.160	CS
5. M	20	1. @ 70	Linear	cmpsn	Switch (2), Rotary DPST, 1 Open - 1 Closed	15	.625	1.391	.375-32	.375	.250	.625	311-1366-00			OB
5. M	10	1. @ 70	Linear	cmpsn		2	.625	.656	.250-32	.250	.125	.750	311-1459-00		1.910	CS
5. M	20	1. @ 70	lin bln	cmpsn	Insulator Spacer (.875)	42	.656	.422	.250-32	.375	.125	1.187	311-1691-00		2.430	CS
5. M	20	1. @ 70	Linear	cmpsn	Flat Shaft	74 or 75	.780	.391			.156	1.125	311-1784-00		2.060	CS
5. M	20	1. @ 70	Linear	cmpsn	Flat Shaft w/Mtg Bracket	41	.625	.391	.250-32	.250	.125	1.125	311-1790-00		1.938	CS
5. M	20	.5 @ 70	Linear	cmpsn	Insulator Spacer (.750)	39	.516	.469	.250-32	.250	.125	.625	311-1905-00	U	3.790	CR
5. M	20	.25 @ 70	rvs log	cmpsn	Insulator Spacer (.750)	39	.516	.469	.250-32	.250	.125	.625	311-1906-00		4.530	CR
5. M	10	.5 @ 70	Linear	cmpsn		2	.641	.656	.375-32	.375	.125	1.250	311-1933-00		1.670	CR
5. M	20	.5 @ 70	Linear	cmpsn		40	.516	.500	.250-32	.250	.125	.500	311-1959-00		2.250	CR
5. M	20	.5 @ 70	Linear	cmpsn		2	.625	.656	.375-32	.375	.250	.750	311-1968-00		1.170	CR
5. M	10	1. @ 70	Linear	Plastic		1	.625	.625	.250-32	.250	.125	.625	311-2065-00		1.650	CR

^a See the Resistor & Capacitor Section in Supplement Catalog (#7).^b For Illustrations, see tab marked Section 6 in the back of this catalog.^c There are often substantial size variations between different manufacturers. Care should be taken to leave room for the maximum size part indicated on the current Tektronix specification.^d Dimensions for outer shaft, first line--inner shaft, second line.^e The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.^f Conductive plastic.^g Safety controlled.^h Metric dimensions (mm).

SINGLE ELEMENT PANEL MOUNT (cont)

Res Ω	Tol ± %	Power W @ °C	Taper ^a	Element Type	General and Switch Information	Fig ^b	Body Dimension ^c		Bushing		Shaft ^d (Nom)		Part Number	Codes ^e		
							Max Dia	Max Length	Dia	Nom Length	Dia	Length Including Bushing		ND	Cost	ST
5. M	20	.5 @ 70	Linear	non ww	Insulator Spacer (1.000)	39	.516	.469	.250-32	.250	.125	.625	311-2118-00		3.150	CR
5. M	20	.5 @ 70	Linear	non ww	Insulator Spacer (.875)	39	.516	1.344	.250-32	.375	.125	1.187	311-2138-00 ^f		3.170	CS
5. M	20	.5 @ 70	Linear	non ww	.875 Spacer, Flat Shaft	39	.516	.469	.250-32	.375	.125	1.312	311-2199-00			DL
10. M	20	.5 @ 70	lin bln	cmpsn	Insulator Spacer (1.000)	53B	.593	.469	.375-32	.375	.250	.750	311-0505-01			OB
10. M	20	.5 @ 70	lin bln	cmpsn		41	.953	.469	.375-32	.375	.250	.468	311-0584-00			OB
10. M	20	2. @ 70	lin bln	cmpsn	Insulator Spacer (1.000)	42	1.094	.594	.375-32	.375	.249	.750	311-1698-00			OB

^a See the Resistor & Capacitor Section in Supplement Catalog (#7).^b For Illustrations, see tab marked Section 6 in the back of this catalog.^c There are often substantial size variations between different manufacturers. Care should be taken to leave room for the maximum size part indicated on the current Tektronix specification.^d Dimensions for outer shaft, first line--inner shaft, second line.^e The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.^f Safety controlled.

DUAL ELEMENT PANEL MOUNT

Res Ω Panel/ Rear	Tol ± %	Power W @ °C	Taper ^a	Element Type	General and Switch Information	Fig ^b	Body Dimension ^c		Bushing		Shaft ^d (Nom)		Part Number	Codes ^e		
							Max Dia	Max Length	Dia	Nom Length	Dia	Length Including Bushing		ND	Cost	ST
15/15	10/10	12.5 @ 40	Linear	ww	60° Backlash Switch, Push-pull, SPST	97	.904	1.850	.250-32	.250	.125	.563	311-0427-00		37.490	CS
100/100	10/10	.5 @ 40	Linear	cmprsn		54	.969	.969	.375-32	.187	.249	.437	311-0947-00			OB
200/1 k	20/20	.5 @ 40	Linear	cmprsn		63	.938	1.438	.375-32	.375	.250	.750	311-0320-00			OB
500/500	20/20	.5 @ 70	lin bln	cmprsn		55	.656	1.000	.250-32	.250	.125	.375	311-0327-00			OB
500/500	10/10	.5 @ 70	Linear	cmprsn		5	.625	1.172	.250-32	.250	.125	.625	311-1802-00			NP
											.078	.900				
500/500	10/10	.5 @ 70	Linear	cmprsn	Switch	5	.625	1.172	.250-32	.250	.125	.625	311-1802-01		5.670	CR
500/20 k	20/20	.5 @ 70	lin bln	cmprsn		54A	.953	1.454	.375-32	.375	.250	.750	311-0439-00			OB
1 k/1 k	20/20	2. @ 70	lin bln	cmprsn		55	1.156	1.312	.375-32	.375	.249	.750	311-0007-00		15.470	CR
1 k/1 k	20/20	3. @ 70	lin bln	cmprsn		62	1.156	1.312	.375-32	.250	.249	.500	311-0317-00		4.140	CS
1 k/1 k	10/10	.5 @ 70	lin bln	cmprsn		54	.953	.938	.375-32	.375	.250	.750	311-0471-00			OB
1 k/1 k	5/ 5	5 @ 70	lin bln	cmprsn	sw, rtry, DPST, 2 Closed	55	.677	.797	.250-32	.375	.125	.750	311-0545-00			OB
1 k/1 k	10/10	.5 @ 70	lin bln	cmprsn		55	.672	.719	.250-32	.375	.125	.500	311-0576-00		4.730	CS
1 k/1 k	5/ 5	.5 @ 70	lin bln	cmprsn		54A	.953	1.454	.375-32	.375	.250	.750	311-0876-00		2.450	CS
1 k/1 k	20/20	.5 @ 70	lin bln	cmprsn		4	.625	1.094	.250-32	.250	.125	.625	311-1432-00		15.920	CS
											.078	.900				
1 k/2.5 k	10/10	.25 @ 40	Linear	cmprsn	Switch, rtry DPST, 1 Open- 1 Closed w/Flat Shaft	62	.672	.890	.250-32	.250	.125	.500	311-1465-00		6.050	CS
1 k/1 k	10/10	1. @ 70	Linear	C.P. ^f		63	.677	1.219	.250-32	.250	.125	.875	311-1941-00		10.460	CS
1 k/1 k	20/20	.5 @ 70	lin bln	cmprsn		12	.615	1.469	.250-32	.250	.125	.625	311-1950-00		23.030	CS
											.078	1.025 ^g				
1 k/2 k	10/10	3. @ 70	Linear	ww	Insulator Spacer (.785)	54	.938	.969	.375-32	.375	.265	.750	311-0985-00		18.410	CS
1 k/5 k	20/20	2. @ 70	Linear	cmprsn		55	1.062	1.156	.375-32	.375	.124	1.125	311-0401-00			OB
1 k/5 M	10/30	.5 @ 70	lin/log	cmprsn		65	.656	1.600	.250-32	.250	.125	.500	311-1207-00		8.490	CS
1 k/10 k	20/20	1. @ 70	Linear	cmprsn		4	.641	1.172	.250-32	.250	.125	.625	311-1411-00		5.010	CS
											.078	1.000				
1 k/10 k	20/20	.5 @ 70	Linear	C.P. ^f	Switch, Rotary, DPST (2), Push-push, 4PST (1)	25	.625	2.300	.250-32	.250	.125	.750 ^g	311-1955-00		11.020	CR
1 k/10 k	20/20	.25 @ 70	Linear	non ww	Switch, Push-pull, 2PST, 1 Open - 1 Closed	5	.641	1.072	.250-32	.250	.125	.750	311-2075-00		4.520	CS
1 k/50 k	10/10	.5 @ 70	Linear	non ww		31A	.532	1.310	.250-32	.250	.125	.625	311-2107-00		6.230	CR
											.078	1.000 ^g				
2 k/2 k	10/10	1.3 @ 70	Linear	Cermet	Switch, Rotary DPST (2)	55	.781	1.016	.250-32	.375	.125	.750	311-1066-00		9.780	CS
2 k/10 k	20/20	.5 @ 70	Linear	cmprsn		22	.625 x .725	1.922	.375-32	.250	.249	.750	311-1937-00		16.630	CR
2 k/10 k	20/20	.5 @ 70	Linear	cmprsn		22	.625	1.922	.250-32	.250	.125	1.063	311-1898-00		11.340	CS
											.078	.975				
2 k/25 k	10/10	4. @ 55	Linear	ww		54	.953	1.105	.375-32	.375	.249	.750	311-1106-00		20.750	CS
2 k/100 k	20/20	.5 @ 70	log	cmprsn		4	.625	1.018	.250-32	.250	.187	.625	311-1292-00		6.250	CS
2 k/2 M	10/10	.5 @ 70	lin/log	cmprsn		28	.516	.812	.250-32	.250	.125	.625	311-1769-00		2.850	CS
		.25 @ 70														
2 k/5 M	20/20	.5 @ 70	Linear	cmprsn		5	.625	1.125	.375-32	.375	.249	1.125	311-1687-00		4.000	CS
2.5 k/1 k	10/10	.5 @ 70	log/lin	Plastic		30	.516	.812	.250-32	.250	.125	1.750	311-1831-01		18.110	CS
2.5 k/25 k	10/10	.5 @ 55	Linear	cmprsn		56	.938	.875	.375-32	.375	.078	.938	311-0529-00			OB
											.265	.750				
											.187	1.250				
2.5 k/1 M	20/20	1. @ 70	Linear	cmprsn		4	.625	1.094	.375-32	.375	.250	.750	311-1592-00		12.480	CR
5 k/1 k	20/20	.5 @ 70	lin bln	cmprsn		55			.250-32		.125	1.125	311-0588-00		3.970	CS
5 k/2 k	10/10	.125 @ 70	log	cmprsn		44	.500	.546	.250-32	.250	.125	.500	311-1573-00		3.150	CR
5 k/5 k	20/20	.5 @ 70	lin bln	cmprsn	Switch, Push-mom, SPDT	54	.953	.871	.375-32	.375	.250	.750	311-0272-00			OB
											.187	1.250				
5 k/5 k	20/20	.5 @ 70	lin bln	cmprsn	Switch, Push-mom, SPDT	60	.656	1.500	.250-32	.312	.125	.562	311-0652-00			OB
5 k/5 k	20/20	.5 @ 70	lin bln	cmprsn		60	.656	1.500	.250-32	.312	.125	.562	311-0652-01		26.970	CS
											.078	.875				
											.078	.945				

^a See the Resistor & Capacitor Section in Supplement Catalog (#7).

^b For Illustrations, see tab marked Section 6 in the back of this catalog.

^c There are often substantial size variations between different manufacturers. Care should be taken to leave room for the maximum size part indicated on the current Tektronix specification.

^d Dimensions for outer shaft, first line--inner shaft, second line.

^e The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

^f Conductive plastic.

^g Extended.

DUAL ELEMENT PANEL MOUNT (cont)

Res Ω Panel/ Rear	Tol ± %	Power W @ °C	Taper ^a	Element Type	General and Switch Information	Fig ^b	Body Dimension ^c		Bushing		Shaft ^d (Nom)		Part Number	Codes ^e			
							Max Dia	Max Length	Dia	Nom Length	Dia	Length Including Bushing		ND	Cost	ST	
5 k/5 k	20/20	.5 @ 70	lin bln	cmpsn	Switch	54A	.953	1.454	.375-32	.375	.250 .187	.750 1.250	311-0864-00			OB	
5 k/5 k	10/10	.25 @ 70	Linear	cmpsn	w/Switch, Push-push, (See Spec.)	55	.677	.797	.250-32	.250	.125	.500	311-1115-00		11.120	CS	
5 k/5 k	10/10	.25 @ 40	lin/log	cmpsn		62	.672	.890	.250-32	.250	.125	.500	311-1131-00		6.280	CS	
5 k/5 k	10/10	.25 @ 40	lin/log	cmpsn				.672	2.676	.250-32	.250	.125	1.971	311-1131-01		14.268	CS
5 k/5 k	10/10	1. @ 70	Linear	cmpsn						.250-32	.250	.125		311-1181-00			OB
5 k/5 k	20/20	.5 @ 70	Linear	cmpsn	Switch, Push-push, 4PST, 2 Open - 2 Closed	12	.625	1.544	.250-32	.250	.125	.750 ^g	311-1367-00			OB	
5 k/5 k	20/20	.25 @ 70	Linear	C.P. ^f		5	.641	1.072	.250-32	.250	.125	.625	311-1397-00		2.660	CS	
5 k/5 k	20/20	.25 @ 70	Linear	cmpsn	Switch, Rotary, DPST, 1 Open-1 Closed	12	.641	1.547	.250-32	.250	.125	.625	311-1404-00		17.120	CR	
5 k/5 k	20/20	.5 @ 70	Linear	cmpsn	Switch, Rotary, DPST, 1 Open-1 Closed	4	.641	1.016	.250-32	.250	.125	.625	311-1473-00		2.760	CS	
5 k/5 k	20/20	.5 @ 70	Linear	cmpsn		21	.625	1.547	.250-32	.250	.125	.625	311-1492-00		14.220	CR	
5 k/5 k	10/10	.5 @ 70	Linear	cmpsn	sw, rtry, DPST, 1 Open- 1 Closed, Push-push, 4PST, 2 Open-2 Closed	23	.625	1.997	.250-32	.250	.125 .078	.500 1.025	311-1580-00		15.580	CR	
5 k/5 k	20/20	.5 @ 70	Linear	cmpsn	Switch, Rotary, DPST, 1 Open-1 Closed Switch, Push-push, 4PST, 2 Open - 2 Closed Flat Shaft, Cont. Rotary	32	.516	.812	.250-32	.250	.125 .078	1.437 1.734	311-1923-00		35.720	CS	
5 k/5 k	20/20	.5 @ 70	Linear	C.P. ^f		20	.625	1.556	.375-32	.375	.249 .125	.687 1.250	311-2018-00		10.620	CR	
5 k/5 k	20/20	.5 @ 70	Linear	C.P. ^f		13	.625	1.697	.250-32	.250	.125 .078	.625 1.015 ^g	311-2053-00		5.340	CS	
5 k/5 k	30/30	.25 @ 70	Linear	non ww		83	.650 .775	1.000			.172	.405	311-2181-00		2.640	CR	
5 k/5 k	20/20	.5 @ 70	Linear	non ww	Insulator Spacer (1.150)	28	.531	.797	.250-32	.250	.125	.625	311-2214-00		3.320	CR	
5 k/10 k	10/10	.25 @ 10	Linear	non ww			.548 Sq	.797	.125-32	.250	.078	.985	311-2426-00		4.460	EN	
5 k/50 k	20/20	.5 @ 70	lin bln	cmpsn		54	.953	.938	.375-32	.375	.250 .187	.750 1.125	311-0530-00			OB	
5 k/50 k	20/20	1. @ 70	Linear	cmpsn		4	.625	1.094	.250-32	.250	.125 .078	.625 1.000	311-1430-00		5.510	CS	
5 k/50 k	20/20	.5 @ 70	Linear	cmpsn	Insulator Spacer	4	.625	1.097	.375-32	.375	.249 .125	.750 1.125	311-1848-00		6.790	CS	
5 k/50 k	10/10	.25 @ 70	Linear	non ww			.531	.797	.250-32	.250	.125 .078	.625 .937	311-2324-00		5.660	CR	
5 k/1 M	20/10	.5 @ 70	Linear	cmpsn		4	.625	1.172	.375-32	.375	.249 .125	.750 1.125	311-1195-00		6.620	CR	
5 k/2.5 M	10/10	.25 @ 70	lin/log	cmpsn		8	.625	1.072	.250-32	.250	.125	.625	311-1533-00		4.190	CS	
5 k/2.5 M	10/10	.25 @ 70	lin/log	cmpsn	5	.625	1.072	.250-32	.250	.125	.625	311-1538-00		3.530	CS		
5 k/5 M	10/20	.5 @ 40	Linear	cmpsn	Insulator Spacer (1.150)	64	.969	2.150	.375-32	.375	.249 .125	.750 1.125	311-0945-00			NP	
5 k/5 M	10/20	.33 @ 40	Linear	cmpsn	Insulator Spacer	64	.969	2.150	.375-32	.375	.249 .125	.750 1.125	311-0945-01		7.640	CR	
5 k/5 M	20/20	.5 @ 70	Linear	cmpsn	Insulator Spacer (.785)	65	.625	1.550	.250-32	.250	.125 .078	.625 .922	311-1393-00		11.560	CS	
10 k/1 k	10/10	1. @ 70	Linear	Cermet	Backlash	4	.641	1.172	.250-32	.250	.125 .078	.625 1.000	311-1759-00		5.810	CR	
10 k/2 k	10/10	.5 @ 70	Linear	non ww		3	.547	.797		.187	.125	.625	311-1638-01		3.990	CR	
10 k/2.5 k	10/10	.5 @ 70	lin bln/ Linear	cmpsn		81	.625	.797	.250-32	.500	.156	1.125	311-1722-00		17.230	CS	
10 k/2.5 k	10/10	.5 @ 70	Linear	non ww		30	.516	.812	.250-32	.250	.125 .078	.625 .937	311-2046-00		4.210	CS	
10 k/2.5 k	20/20	.5 @ 70	Linear	non ww	Insulator Spacer	28A	.516	.797	.250-32	.250	.125	.625	311-2117-00		3.920	CR	
10 k/5 k	20/20	.5 @ 40	Linear	cmpsn		55	.677	.719	.250-32	.250	.125	.625	311-0975-00			OB	
10 k/10 k	20/20	2. @ 85	Linear	cmpsn		59	1.156	1.266	.375-32	.375	.249	.750	311-0228-00			OB	

^a See the Resistor & Capacitor Section in Supplement Catalog (#7).^b For illustrations, see tab marked Section 6 in the back of this catalog.^c There are often substantial size variations between different manufacturers. Care should be taken to leave room for the maximum size part indicated on the current Tektronix specification.^d Dimensions for outer shaft, first line--inner shaft, second line.^e The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.^f Conductive plastic.^g Extended.

DUAL ELEMENT PANEL MOUNT (cont)

Res Ω Panel/ Rear	Tol ± %	Power W @ °C	Taper ^a	Element Type	General and Switch Information	Fig ^b	Body Dimension ^c		Bushing		Shaft ^d (Nom)		Part Number	Codes ^e			
							Max Dia	Max Length	Dia	Nom Length	Dia	Length Including Bushing		ND	Cost	ST	
10 k/10 k 10 k/10 k 10 k/10 k	20/20 20/20 20/20	.5 @ 70 .5 @ 40 .5 @ 40	lin bln Linear Linear	cmprsn cmprsn cmprsn	Switch, Push, SPDT sw, rtry, SPST (Tekmade) Switch, SPST (Tekmade)	55 55 54	.677 .677 .969	.797 .797 .969	.250-32 .250-32 .375-32	.375 .375 .375	.125 .125 .265	.750 .250 .750	311-0389-00 311-0520-00 311-0553-00	9.450	CR OB OB		
10 k/10 k	10/10	.5 @ 70	lin bln	cmprsn		55	.677	.797	.250-32	.375	.125 .187	.688 1.250	311-0679-00			5.490	CR
10 k/10 k	10/10	.5 @ 70	Linear	cmprsn		63	.656		.250-32	.213	.125 .078	.582 .945	311-0888-01			10.210	CR
10 k/10 k 10 k/10 k	50/10			Cermet ww		87	.625 .715	1.190 .687					311-0912-00 311-0962-00				DL OB
10 k/10 k	20/20	.5 @ 70	Linear				.531	1.125	.250-32	.375	.156 .093	.750 1.125	311-0965-01			8.350	CR
10 k/10 k	10/10	2. @ 40	Linear	Cermet		61	.677	.719	.250-32	.375	.125 .078	.688 1.125	311-1081-00			9.720	CR
10 k/10 k	10/10	1. @ 70	lin bln	C.P. ^f		55	.656	.797	.250-32	.250	.125 .078	.625 .938	311-1162-00			4.560	CR
10 k/10 k	10/10	.5 @ 70	lin bln	cmprsn		55	.656	.797	.250-32	.250	.125 .078	.625 .915	311-1191-00				OB
10 k/10 k	10/10	.5 @ 70	Linear/ rvs log	cmprsn		4	.625	1.094	.250-32	.250	.125 .078	.625 .920	311-1581-00			7.620	CR
10 k/10 k	10/10	.5 @ 70	rvs log log	C.P. ^f		sw, rtry, DPST, 1 Open- 1 Closed, mom, 4PST, 2 Open - 2 Closed	23	.625	1.997	.250-32	.250	.125 .078	.500 1.025			311-1582-00	15.920
10 k/10 k	10/10	1. @ 70	Linear	cmprsn	55	.656	.797	.250-32	.375	.125 .078	.750 1.125	311-1591-00		NP			
10 k/10 k 10 k/10 k	20/20 10/10	.25 @ 40 .5 @ 70	Linear Linear	cmprsn cmprsn	55 5	.677 .625	.797 1.172	.250-32 .250-32	.250 .250	.125 .125	.625 1.406	311-1595-00 311-1668-00	3.970 5.400	CS CR			
10 k/10 k	20/20	.5 @ 70	lin bln	cmprsn	Switch, Rotary, 1 Open-1 Closed	17	.625	1.492	.250-32	.250	.125 .078	.625 .910	311-1704-00	8.890	CR		
10 k/10 k	20/20	.5 @ 70	Linear	C.P. ^f	29	.500	.800	.250-32	.250	.125 .078	.625 .938	311-1946-00	4.420	CR			
10 k/10 k	10/10	1. @ 70	Linear	C.P. ^f	55	.677	.800	.250-32	.375	.125 .078	.748 1.063	311-2002-00	9.740	CR			
10 k/10 k	10/10	1. @ 85	Linear	non ww	Switch, mom, DPST, 1 Open-1 Closed	34B	.516	1.125	.250-32	.250	.125	.626 ^g	311-2088-00		OB		
10 k/10 k	20/20	.5 @ 70	Linear	non ww	30	.516	.812	.250-32	.688	.125 .078	1.000 1.375	311-2177-00	3.540	CR			
10 k/10 k	20/20	.5 @ 70	Linear	non ww	30	.516	.812	.250-32	.250	.125 .078	.563 .938	311-2177-04	3.640	CR			
10 k/10 k	20/20	.25	Linear	non ww	Switch, mom, SPDT	33	.547	1.234	.250-32	.250	.125 .078	.625 .875	311-2285-00	U	NP		
10 k/10 k	20/20	.25	Linear	non ww	Switch, mom, SPDT	33	.547	1.234	.250-32	.250	.125 .078	.425 .812	311-2285-01		8.150	CR	
10 k/10 k	20/20	.5 @ 70	Linear	C.P. ^f	88	.547	.797	.250-32	.250	.125 .094	.870	311-2248-00	U	4.140	CR		
10 k/10 k	10/10	.5 @ 70	Linear	non ww	30	.531	.812	.250-32	.250	.125 .078	.625 .906	311-2305-00	3.910	CR			
10 k/10 k	10/10	.5 @ 70	Linear	non ww	30	.531	.812	.250-32	.255	.125 .078	.625 .875	311-2315-00	3.910	CR			
10 k/10 k	5/20	1. @ 70	indep lin .25% ^h indep lin 5.% ^h	non ww	5	.640	1.309	.250-32	.375 .078	.125 .937	.625	311-2346-00		DL			
10 k/10 k	10/10	5. @ 70	Linear	C.P. ^f			.500	.766	.250-32	.016	.125	.031	311-2400-00		5.760	CR	

^a See the Resistor & Capacitor Section in Supplement Catalog (#7).^b For Illustrations, see tab marked Section 6 in the back of this catalog.^c There are often substantial size variations between different manufacturers. Care should be taken to leave room for the maximum size part indicated on the current Tektronix specification.^d Dimensions for outer shaft, first line—inner shaft, second line.^e The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.^f Conductive plastic.^g Extended.^h Independent Linearity.

DUAL ELEMENT PANEL MOUNT (cont)

Res Ω Panel/ Rear	Tol ± %	Power W @ °C	Taper ^a	Element Type	General and Switch Information	Fig ^b	Body Dimension ^c		Bushing		Shaft ^d (Nom)		Part Number	Codes ^e		
							Max Dia	Max Length	Dia	Nom Length	Dia	Length Including Bushing		ND	Cost	ST
10 k/10 k	10/10	.25 @ 10	Linear	non ww	No Bushing		.547 Sq	.797			.078 .125	1.000 .625	311-2427-00		4.460	EN
10 k/50 k	20/20	.5 @ 70	lin bln	cmpsn		54	.938	.875	.375-32	.375	.250 .187	1.375 1.875	311-0542-01			OB
10 k/50 k	10/10	.5 @ 70	Linear	cmpsn		55	.677	.797	.250-32	.375	.125	.750	311-0694-00		3.900	OT
10 k/50 k	10/10	.25 @ 40	Linear	cmpsn	Switch, 2 Position	63	.656	1.172	.250-32	.250	.125 .078	.500 1.125	311-1117-00		8.970	CS
10 k/100 k	20/20	.5 @ 70	Linear	cmpsn		5	.625	1.172	.250-32	.250	.125 .078	1.407 1.781	311-1670-00		5.400	CR
10 k/2.5 M	20/10	.5 @ 70	Linear rvs log	cmpsn		5	.625	1.172	.250-32	.250	.125 .078	.625 1.000	311-1682-00		11.600	CR
10 k/5 M	10/20	.5 @ 70	Linear mod log	cmpsn	Insulator Spacer (.785)	65	.656	1.600	.250-32	.250	.125	.500	311-0974-00			OB
20 k/50 Ω	20/20	.5 @ 70	Linear	cmpsn		4	.625	1.094	.250-32	.250	.125 .078	.625 1.000	311-1343-00		7.700	CS
20 k/5 k	20/20	.5 @ 40	Linear	cmpsn	sw, rtry, SPST, 1 Open	63	.672	1.016	.250-32	.250	.125	.500	311-1128-00		4.800	CR
20 k/20 k	20/20	1.25 @ 70	lin bln	cmpsn		59	1.157	1.266	.375-32	.375	.249	.750	311-0090-00		2.050	CR
20 k/20 k	20/20	.375 @ 40	lin bln	cmpsn		54	.969	.969	.375-32	.375	.249	.750	311-0190-00			OB
20 k/20 k	20/20	.5 @ 40	lin bln	cmpsn		55	.656	1.000	.250-32	.375	.125	.563	311-0346-00			OB
20 k/20 k	20/20	.25 @ 70	Linear	cmpsn	Switch, Push-pull, 2 Open-1 Closed		.625	1.469	.250-32	.250	.125	.750	311-2394-00		8.460	CR
20 k/20 k	20/20	2. @ 70	lin bln	cmpsn	Switch, Rotary, SPDT	63	1.063	1.687	.375-32	.375		.656	311-0402-01			OB
20 k/20 k	10/10	.5 @ 70	lin bln	cmpsn	Switch, Rotary, DPST, 1 Open-1 Closed	54A	.953	1.484	.375-32	.375	.250 .187	.750 1.250	311-0862-00		12.850	CR
20 k/20 k	10/10	.5 @ 70	lin bln	cmpsn		44A	.516	.547	.250-32	.250	.125	.550	311-1018-00		5.660	CR
20 k/20 k	20/20	.5 @ 70	Linear	cmpsn		5	.625	1.072	.250-32	.250	.125	.625	311-1586-00		3.340	CS
20 k/20 k	20/20	.5 @ 40	lin bln	cmpsn	Switch, Push-pull, 2PDT	55	.656	2.290	.250-32	.250	.125 .078	.450 1.110	311-1805-00		8.690	CR
20 k/20 k	20/20	.25 @ 70	Linear	C.P. ^f		5	.615	1.172	.250-32	.250	.125 .078	.625 1.094	311-2042-00		12.100	CS
20 k/50 k	20/20	.5 @ 70	Linear	non ww	Switch, Rotary, DPST (2)	5		1.860	.250-32		.125 .078	.625 1.000	311-1629-00		10.290	CR
20 k/500 k	20/20	.5 @ 70	Linear	C.P. ^f		5	.625	1.172	.250-32	.250	.125 .078	.625 1.000	311-1964-00		12.620	CR
20 k/5 M	20/20	.5 @ 70	Linear	cmpsn		5	.625	1.400	.250-32	.250	.125 .078	.525 1.000	311-1681-00		5.780	CS
25 k/25 k	20/20	.5 @ 70	Linear	cmpsn	Switch, Rotary, DPST, 1 Open-1 Closed	17	.625	1.469	.250-32	.250	.125 .078	.625 .938	311-1578-00		7.350	CS
30 k/20 k	20/20	.5 @ 70	lin bln	cmpsn	Switch, Rotary, SPDT	54A	.953	1.454	.375-32	.375	.250	.750	311-0481-00			OB
50 k/5 k	20/20	.5 @ 70	Linear	non ww		55	.672	.797	.250-32	.250	.125	.625	311-2047-00		4.420	CS
50 k/10 k	20/20	.5 @ 40	lin bln	cmpsn		54A	.969	.969	.375-32	.375	.249	.625	311-0596-00			OB
50 k/20 k	20/20	.375 @ 40	lin bln	cmpsn		54	.969	.969	.375-32	.750	.125 .249	1.125 1.250	311-0684-00		12.060	CS
50 k/20 k	20/20	.5 @ 70	Linear	C.P. ^f	Flat Shaft	79	.636	.781	.250-32	.250	.125	.750	311-1974-00		4.970	CS
50 k/50 k	10/10	.5 @ 70	lin bln	cmpsn		54	.953	.938	.375-32	.375	.265 .187	.750 1.250	311-0109-00			OB
50 k/50 k	20/20	.5 @ 40	lin bln	non ww		48	.968	.968	.375-32	.375	.250	.750	311-0111-00			OB
50 k/50 k	20/20	2. @ 70	Linear	cmpsn		55	1.157	1.266	.375-32	.375	.249	.750	311-0416-00			OB
50 k/50 k	10/10	.5 @ 40	Linear	cmpsn		54	.969	.938	.375-32	.375	.265 .187	.750 1.250	311-0431-00			OB
50 k/50 k	20/20	.5 @ 40	lin bln	cmpsn	Backlash	61	.672	.766	.250-32	.375	.125	.750	311-0470-00		7.850	CS
50 k/50 k	10/10	.5 @ 40	lin bln	cmpsn	Backlash	54A	.969	.969	.375-32	.375	.249	.750	311-0594-00			OB
50 k/50 k	10/10	.5 @ 70	lin bln	cmpsn		55	.677	.797	.250-32	.375	.125 .078	.687 1.130	311-0678-00		4.570	CR

^a See the Resistor & Capacitor Section in Supplement Catalog (#7).^b For Illustrations, see tab marked Section 6 in the back of this catalog.^c There are often substantial size variations between different manufacturers. Care should be taken to leave room for the maximum size part indicated on the current Tektronix specification.^d Dimensions for outer shaft, first line--inner shaft, second line.^e The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.^f Conductive plastic.

DUAL ELEMENT PANEL MOUNT (cont)

Res Ω Panel/ Rear	Tol ± %	Power W @ °C	Taper ^a	Element Type	General and Switch Information	Fig ^b	Body Dimension ^c		Bushing		Shaft ^d (Nom)		Part Number	Codes ^e		
							Max Dia	Max Length	Dia	Nom Length	Dia	Length Including Bushing		ND	Cost	ST
50 k/50 k	10/10	.5 @ 70	lin bln	cmpsn	Switch, Push-pull	55	.677	.797	.250-32	.250	.125	.625	311-0979-00			OB
50 k/50 k	10/10	.5 @ 70	Linear	C.P. ^f			.625	1.072	.250-32	.250	.125	.625	311-2058-00			DL
50 k/50 k	10/10		non ww					1.445	.250-32		.078	.938	311-2393-00		9.390	EN
100 k/2 k	20/20	.25 @ 70	Linear	cmpsn	Switch, Push-push, SPST	44A	.500	.546	.250-32	.250	.125	.625	311-1486-00		3.300	CS
100 k/5 k	10/10	.5 @ 40	Linear	cmpsn		13	.938	1.547	.375-32	.250	.249	.657	311-0844-00			OB
						or 56					.125	1.688 ^g				
100 k/10 k	20/20	.5 @ 70	lin bln	cmpsn	60° Backlash	36	.516	.781	.250-32	.375	.125	.562	311-0429-00		5.320	CR
100 k/20 k	20/20	.5 @ 70	Linear	C.P. ^f		55	.547	.797	.250-32	.250	.125	.625	311-1331-00		4.700	CR
100 k/50 k	10/20	.5 @ 40	lin bln	cmpsn		55	.656	1.000	.250-32	.375	.125	.687	311-0437-00			OB
100 k/100 k	20/20	2. @ 70	Linear	cmpsn	Switch, Rotary, DPST, 1 Open-1 Closed	59	1.157	1.266	.375-32	.375	.249	.750	311-0028-00			OB
100 k/100 k	20/20	1.25 @ 70	Linear	cmpsn		54A	.938	.938	.375-32	.375	.250	.750	311-0051-00			OB
100 k/100 k	20/20	.5 @ 40	Linear	cmpsn		54	.969	.969	.375-32	.375	.249	.750	311-0096-00			OB
100 k/100 k	20/20	.375 @ 40	lin bln	cmpsn	Switch, Rotary, DPST, 1 Open-1 Closed	54	.953	.938	.375-32	.375	.250	.750	311-0225-00			OB
100 k/100 k	20/20	.5 @ 70	lin bln	cmpsn							.187	1.187	311-0414-00			OB
100 k/100 k	20/20	.5 @ 70	Linear	Cermet		54	.953	.938	.375-32	.375	.250	.750	311-0575-00			OB
100 k/100 k	10/10	2. @ 70	Linear	Cermet	Switch, Rotary, DPST, 1 Open-1 Closed		.625	1.469	.375-32	.375	.125	.750	311-1098-00			OB
100 k/100 k	20/20	.5 @ 70	Linear	cmpsn							.249	.750	311-1520-00			OB
											.125	1.250				
100 k/200 k	10/10	2. @ 70	lin bln	cmpsn	Insulator Spacer (.800)	55	1.094	2.000	.375-32	.375	.249	.750	311-0149-00			OB
100 k/5 M	20/20	1. @ 70	Linear	cmpsn		65	.656	1.550	.250-32	.250	.125	.625	311-1176-00		23.370	CS
100 k/6 M	20/20	.5 @ 70	Linear	cmpsn		65	.677	1.550	.250-32	.250	.125	.625	311-1452-00		9.650	CR
150 k/150 k	10/10	.5 @ 70	Linear	cmpsn	Insulator Spacer (.800)	55	.656	1.550	.250-32	.250	.125	.625	311-1452-00		9.650	CR
150 k/1 M	20/20	.5 @ 40	lin bln	cmpsn		44A	.500	.547	.250-32	.250	.125	.500	311-1033-00			OB
200 k/220 Ω	20/20	1.25 @ 70	Linear	cmpsn		54	.969	.969	.375-32	.375	.249	.750	311-0478-01			OB
250 k/250 k	20/20	.5 @ 40	lin bln	cmpsn	sw, rtry, DPST, 1 Open-1 cl	54	.969	.969	.375-32	.375	.249	.750	311-0114-00			OB
250 k/250 k	20/20	.5 @ 70	lin bln	cmpsn		54	.953	.938	.375-32	.375	.250	.750	311-0356-00			OB
500 k/10 k	20/20	1. @ 70	Linear	cmpsn		12	.625	1.390	.250-32	.250	.125	.625	311-1407-00			OB
500 k/200 k	20/20	.5 @ 70	Linear	cmpsn	Switch, Push-push, SPST	54A	.969	1.531	.375-32	.250	.249	.625	311-0455-00			OB
500 k/500 k	20/20	.5 @ 70	Linear	cmpsn		54	.953	.938	.375-32	.375	.250	.750	311-0048-00			OB
											.187	1.250				
500 k/500 k	20/20	2.25 @ 70	lin bln	cmpsn	60° Backlash	55	1.156	1.312	.375-32	.375	.249	.750	311-0152-00			OB
500 k/500 k	20/20	.5 @ 70	lin bln	cmpsn		54	.953	.938	.375-32	.375	.250	.750	311-0226-00			OB
											.187	1.125				
500 k/500 k	20/20	.5 @ 40	Linear	cmpsn	60° Backlash	55	.656	.797	.250-32	.250	.125	.375	311-0321-00			OB
500 k/500 k	20/20	.5 @ 70	lin bln	cmpsn		55	.677	.797	.250-32	.375	.125	.750	311-0400-00			OB
500 k/500 k	20/20	.5 @ 40	Linear	cmpsn		59	.953	1.266	.375-32	.375	.250	.750	311-0459-00			OB
500 k/500 k	20/20	.25 @ 70	log	C.P. ^f	Switch, Rotary, DPST, 1 Open- 1 Closed	12		1.860	.250-32	.375	.125	.625	311-2314-00		10.640	OT
											.078	1.000				
1 M/1 M	20/20	.5 @ 70	lin bln	cmpsn		54	.953	.938	.375-32	.375	.250	.750	311-0217-00			OB
1 M/1 M	10/10	1.4 @ 70	Linear	Cermet	No Shaft w/Switch, Push-push (See Spec.)	57	.750	1.000	.250-32	.250			311-1807-00		20.720	CR
1 M/1 M	10/10	1.4 @ 70	Linear	Cermet		99	.750	2.753	.375-32	.250	.250		311-1807-01		29.796	CR
5 M/5 M	20/20	.5 @ 70	Linear				.625	1.072	.375-32	.375	.250	.750	311-1969-00		4.680	CR

^a See the Resistor & Capacitor Section in Supplement Catalog (#7).^b For Illustrations, see tab marked Section 6 in the back of this catalog.^c There are often substantial size variations between different manufacturers. Care should be taken to leave room for the maximum size part indicated on the current Tektronix specification.^d Dimensions for outer shaft, first line--inner shaft, second line.^e The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.^f Conductive plastic.^g Extended.

TRIPLE ELEMENT PANEL MOUNT

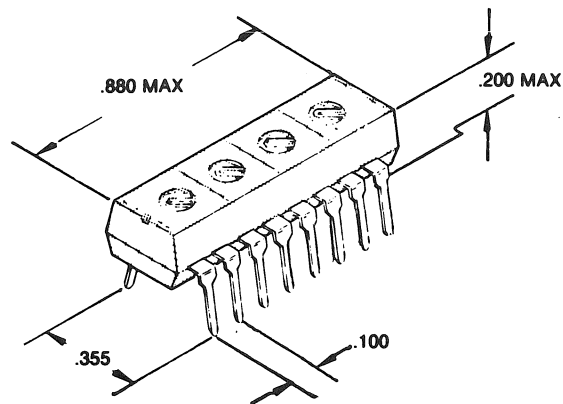
Resistance Ω	Tol \pm %	Power W @ °C	Taper ^a	Element Type	General And Switch Information	Fig ^b	Body Dim. ^c		Bushing		Shaft (Nom) ^d		Part Number	Codes ^e		
							Max Dia	Max Length	Dia	Nom Length	Dia	Length Including Bushing		ND	Cost	ST
1 k/1 k/1 k	10/10/10	2. @ 70	Linear	Cermet	Tandem	69	.781	1.469	.375-32	.375	.250	.750	311-0948-00		24.360	CS
10 k/500/500	10/10/10	.5 @ 40 (1) 4. @ 55 (2 & 3)	Linear	cmpsn & ww	Concentric	67	.979	1.739	.375-32	.375	.265 .125	.750 .813	311-0595-00			OB
10 k/2.5 k/2.5 k	10/10/10	1.	Linear	Cermet	Tandem		.750		.250-32		.125		311-1163-00			OB
10 k/10 k/200 k	20/20/20	.5 @ 70	Linear	cmpsn	Concentric	11	.625	1.469	.250-32	.250	.125 .078	.625 .932	311-1462-00		11.900	OT
50 k/10/10	20/20/20	.5 @ 40 (1) 4. @ 55 (2 & 3)	Linear	ww	Concentric	67	.938	1.719	.375-32	.375	.250 .125	.750 .813	311-0407-00			OB
100 k/10/10	20/10/10	.75 @ 70	lin bln	cmpsn	Concentric		.938		.375-32		.250 .125		311-0472-00			OB
100 k/500/500	20/10/10	.33 @ 40	Linear	ww		67	.969	1.422	.375-32	.375	.249 .125	.750 .813	311-0507-00			OB
100 k/1 k/1 k	20/10/10	.5 @ 40 (1) 4. @ 55 (2 & 3)	Linear	cmpsn & ww	Concentric	68	.938	1.719	.375-32	.375	.250 .125	.750 .813	311-0412-00			OB
100k/100k/100k	20/20/20	.5 @ 70	Linear	cmpsn		11	.625	1.469	.375-32	.375	.249 .125	.750 1.250	311-0064-01			OB
100k/100k/500k	20/20/20	.5 @ 70	Linear	cmpsn	sw, rtry, DPST, 1 Open-1 cl	67	.953	1.923	.375-32	.375	.265 .187	.750 1.187	311-0099-00			OB
500k/500k/500k	5/ 5/ 5	1. @ 70	Linear	Cermet		11	.625	1.472	.250-32	.250	.125	.625	311-2044-00	U	9.200	CS

ATTENUATOR

Resistance Ω	Tol \pm %	Power W @ °C	Taper ^a	Elem Type	General And Switch Information	Fig ^b	Body Dim. ^c		Bushing		Shaft (Nom) ^d		Part Number	Codes ^e		
							Max Dia	Max Length	Dia	Nom Length	Dia	Length Including Bushing		ND	Cost	ST
600 /600	10/10	2. @ 70	T	cmpsn	600 Ω Bridged-T		1.156	1.594	.375-32		.250		311-0841-00			OB
250k/30k	15/15	.5 @ 70	T	cmpsn	600 Ω Bridged-T	4	.625	.975	.250-32	.250	.125	.625	311-1440-00		14.500	CS
1.8k/2.5k	15/15	.5 @ 70	T	cmpsn	50 Ω Bridged-T	5	.625	1.072	.250-32	.250	.125	.500	311-1775-00		6.150	CR

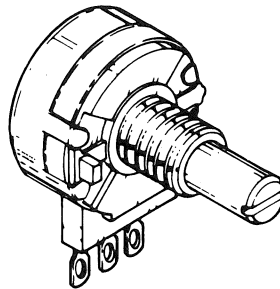
^a See the Resistor & Capacitor Section In Supplement Catalog (#7).^b For Illustrations, see tab marked Section 6 in the back of this catalog.^c There are often substantial size variations between different manufacturers. Care should be taken to leave room for the maximum size part indicated on the current Tektronix specification.^d Dimensions for outer shaft, first line--inner shaft, second line.^e The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

DUAL IN-LINE PACKAGE



Resistance	Tolerance %	Power	Taper ^a	No. of Pins	Part Number	Codes ^b		
						ND	Cost	ST
10 k (4)	20.	.25 @ 85°	Linear Linear	16	311-2294-00		3.800	DL
50 k (4)	20.	.25 @ 85°		16	311-2192-00			CR
100 Ω (4)	20.	.25 @ 85°		16	311-2194-00			DL

ENCODER, DIGITAL (ROTARY, INCREMENTAL)



2 CHANNEL
CONTACT RATING: 3 mA @ 10 VDC
CLOSED 10 kΩ - OPEN 10 MΩ

Pulse/ Resolution/ Channel	Part Number	Codes ^b		
		ND	Cost	ST
25	311-2207-00		12.340	CR
50	311-2193-00		11.660	CR
50 Rear	311-1632-00		18.000	LR
75 Panel				

^a See the Resistor & Capacitor Section in Supplement Catalog (#7).

^b The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

PRECISION PANEL MOUNT

Res Ω	Tol $\pm \%$	Power W @ $^{\circ}\text{C}$	Taper ^a	Element Type	No. of Turns	General Information	Fig ^b	Maximum Body Dimension ^c		Bushing		Shaft ^d		Part Number	Codes ^e		
								Dia	Length	Dia	Length	Dia	Length Including Bushing		ND	Cost	ST
500	5	1. @ 70	indep lin ^f .25%	ww	10	Hollow Shaft	11	.625 Sq	.750	.250-32	.250	.125	.500	311-2106-00		11.590	CR
1 k	5	1. @ 70	indep lin ^f .25%	ww	3		1	.890	.765	.250-32	.312	.250	.687	311-1684-00			DL
2 k	5	2. @ 70	indep lin ^f .1%	ww	10		1	.890	.765	.375-32	.375	.250	.812	311-0386-00		20.330	CR
2 k	5	1. @ 40	indep lin ^f .1%	ww	10		2	.516	1.020	.250-32	.375	.094	.969	311-0590-00		15.160	CS
2 k	5	1. @ 70	indep lin ^f .25%	ww	10		2	.516	1.020	.250-32	.375	.094	.687	311-0668-00		24.700	CR
2 k	5	.5 @ 40	Linear		10	10-Turn Vernier Adjust	1	.938 Nom	.594 Nom	.372-32	.375	.249	1.875	311-0772-01		9.630	CS
2 k	5	2. @ 20	Linear	ww	10		1	.890	.765	.375-32	.317	.250	1.875	311-0772-00		6.040	CR
2 k	5	2. @ 70	indep lin ^f .25%	ww	10		1	.890	.765	.375-32	.312	.250	.844	311-1183-00		5.690	CS
2 k	5	1.3 @ 70	indep lin ^f .25%	ww	10	Index Pin	1	.890	.765	.375-32	.312	.250	.813	311-1183-01		3.390	CR
2 k	5	2.				w/Ribbon Cable Hybrid Element								311-1183-02		4.220	CR
2 k	5	2. @ 70	indep lin ^f .1%	C.P. ^g /ww	10		1	.937	.750	.375-32	.250	.250	.570	311-1215-00		21.290	CR
2 k	5	2. @ 40	(See Spec.)		10		1	.890	.781	.375-32	.312	.250	.812	311-1464-00		4.840	CR
2 k	5	1.5 @ 70	indep lin ^f .1%	ww	5		1	.890	.765	.250-32	.312	.125	.812	311-1531-00		14.700	CS
2 k	5	2. @ 70	indep lin ^f .25%	ww	10		1	.890	.769	.375-32	.312	.250	.812	311-1683-00	U	8.200	CR
2 k	5	2. @ 20	Linear	ww	10		1	.890	.765	.375-32	.375	.250	.812	311-2140-00		6.500	CS
2 k/2 k	10	1. @ 70	indep lin ^f .25%	C.P. ^g /ww	10/10	Concentric, Hybrid Element	6	.890	1.460	.375-32	.312	.250	1.000	311-1878-00		161.260	CS
2.5 k	5	.5 @ 70	indep lin ^f .15%	ww	5		11	.645 Sq	.770	.250-32	.375	.125	.812	311-2204-00		6.450	CR
4 k	3	2.75 @ 40	indep lin ^f .5%	ww	1		5	1.328	.765	.375-32	.375	.250	.750	311-0543-01		37.220	CR
5 k	5	2. @ 70	indep lin ^f .25%	ww	10		3	.875	.637	.375-32	.312	.250	.812	311-0360-00			OB
5 k	3	2. @ 70	indep lin ^f .25%	ww	10		3	.897	.765	.375-32	.312	.250	.812	311-0360-01			OB
5 k	3	2. @ 70	indep lin ^f .25%	ww	10		3	.890	.765	.375-32	.312	.250	.812	311-0360-02			OB
5 k	5	2. @ 70	indep lin ^f .2%	ww	10		3	.890	.765	.375-32	.312	.250	.812	311-0360-03			OB
5 k	5	2. @ 40	indep lin ^f .2%	ww	10		1	.890	.765	.375-32	.500	.250	.749	311-0879-00		9.840	CS
5 k	5	1. @ 40	indep lin ^f .1%	ww	10		2	.516	1.020	.250-32	.281	.078	2.063	311-0889-00		22.990	CR
5 k	5	2. @ 70	indep lin ^f .25%	ww	10	Digital 0-500 Snap-in Mounting	1	.890	.765	.250-32	.312	.125	.812	311-1057-00		7.720	CR
5 k	5	1.5 @ 25	Linear	ww	10	Digital 0-900 Snap-in Mounting	13	1.240	1.410					311-1361-00			OB
5 k	5	1.5 @ 25	Linear	ww	10		13	1.240	1.410					311-1461-00			OB
5 k	5	1. @ 70	indep lin ^f .1%	ww	3		1	.890	.765	.250-32	.312	.125	.687	311-1528-00		12.400	CS
5 k	5	1.5 @ 25	Linear	ww	10	Digital 0-500	3	.875	1.307	.375-32	.312			311-1707-01	U	39.440	CR
5 k	5	1.5 @ 25	Linear	ww	10	Digital 0-999 + 1	14	.875	1.307	.375-32	.312			311-1755-01	U	25.400	CR
5 k	5	1.5 @ 25	Linear	ww	5	Digital 0-250	14	.875	1.282	.375-32	.312			311-1800-01	U	32.300	CR
5 k	5	1. @ 70	indep lin ^f .25%	ww	10		11	.645 Sq	.770	.375-32	.375	.249	.750	311-2158-00		4.980	CR
5 k	5	1. @ 70	indep lin ^f .25%	ww	10	w/Ribbon Cable	11	.645 Sq	.770	.375-32	.375	.249	.750	311-2158-01		5.812	CR
10 k	3	2.75 @ 40	indep lin ^f .5%	ww	1	4-40 UNC in Shaft	5	1.328	.734	.375-32	.375	.250	.750	311-0536-01		22.700	CR
10 k	5	1. @ 40	indep lin ^f .15%	ww	10		2	.516	1.020	.250-32	.437	.094	.939	311-0838-00		28.790	CS
10 k	10	1. @ 40	indep lin ^f .1%	C.P. ^g	3	Bushing Both Ends	9	.640	.650	.250-32		.157		311-0874-00			DL
10 k	10	1. @ 40	indep lin ^f .1%	C.P. ^g	3	Bushing Both Ends	8	.640	.650	.250-32		.157		311-0958-00			OB
10 k	3	2. @ 70	indep lin ^f .1%	ww	10		1	.890	.765	.250-32	.312	.125	.812	311-1058-00			OB
10 k	5	1.5 @ 25	Linear	ww	10	Digital 0-500	12	.875	1.307	.375-32	.312			311-1061-01 ^h		27.400	CS
10 k	5	1.5 @ 25	Linear	ww	10	Ratio Dial	14	.750	1.344					311-1062-00		29.520	CS
10 k	5	1. @ 70	indep lin ^f .5%	ww	3		1	.890	.765	.250-32	.437	.125	.812	311-1150-00		11.470	CR
10 k	5	2. @ 20	indep lin ^f .25%	ww	10		1	.890	.765	.250-32	.312	.125	.812	311-1324-00		8.390	CR
10 k	5	2. @ 70	indep lin ^f .25%	ww	10		1	.875	.750	.250-32	.312	.125	.812	311-1341-00		10.340	CR
10 k	5	2. @ 40	indep lin ^f .1%	ww	1		4	.505	.467	.250-32	.312	.125	.700	311-1376-00		9.010	CR
10 k	5	1. @ 40	indep lin ^f .1%	ww		No Mechanical Stops	4	.500 Sq	.469	.250-32	.375	.125	.700	311-1392-00		14.150	CR
10 k	3	1. @ 40	indep lin ^f .1%	ww			4	.500 Sq	.409	.375-32	.375	.250	.875	311-1576-00		10.350	CR
10 k	10	2. @ 70	indep lin ^f .25%	C.P. ^g /ww	10	Hybrid Element	1	.875	.790	.375-32	.312	.250	.812	311-1673-00		19.300	CR
10 k	5	2. @ 70	indep lin ^f .1%	ww	10		1	.890	.765	.250-32	.312	.125	1.249	311-1674-00		13.450	CS
10 k	5	2. @ 70	indep lin ^f .25%	ww	10		1	.890	.765	.250-32	.312	.125		311-1705-00		32.430	CS
10 k	5	2. @ 70	indep lin ^f .25%	ww	10		1	.890	.765	.250-32	.312	.125	2.250	311-1705-01	U	13.580	CR
10 k	5	2. @ 70	indep lin ^f .1%	ww	10		1	.890	.765	.375-32	.315	.249	.812	311-1729-00	U	6.590	CR

^a See the Resistor & Capacitor Section in Supplement Catalog (#7).^b For Illustrations, see tab marked Section 6 in the back of this catalog.^c There are often substantial size variations between different manufacturers. Care should be taken to leave room for the maximum size part indicated on the current Tektronix specification.^d Dimensions for outer shaft, first line--inner shaft, second line.^e The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.^f Independent Linearity.^g Conductive Plastic.^h Safety controlled.

PRECISION PANEL MOUNT (cont)

Res Ω	Tol \pm %	Power W @ °C	Taper ^a	Element Type	No. of Turns	General Information	Flg ^b	Maximum Body Dimension ^c		Bushing		Shaft ^d		Part Number	Codes ^e		
								Dia	Length	Dia	Length	Dia	Length Including Bushing		ND	Cost	ST
10 k	5	2. @ 70	indep lin ^f .1%	ww	10	No Mechanical Stops	1	.890	.765	.250-32	.250	.125	.812	311-2142-00		6.630	CR
10 k	5	2. @ 40	indep lin ^f 1%	ww			4	.505	.310	.250-32	.312	.125	.700	311-2157-00		16.500	CR
10 k	5	1. @ 70	indep lin ^f .25%	ww	10			.640	.770	.250-32	.375	.125	.625	311-2347-00			DL
10 k/10 k	3	2.75 @ 70	indep lin ^f .5%	ww	1	Tandem No Mechanical Stops	7	1.312	1.385	.375-32	.375	.250	.875	311-1502-00		44.800	CR
10 k/10 k	3	2.75 @ 40	indep lin ^f .5%	ww			7	1.328	1.283	.375-32	.375	.250	.875	311-1752-00		82.200	CS
10 k/10 k	+ 5	1. @ 70	indep lin ^f 1%	ww	1/1	Concentric	6	.890	1.825	.375-32	.312	.250	.877	311-1799-00		54.900	CR
10 k/10 k	5	1. @ 70	indep lin ^f .25%	ww	10/10	Concentric	10	.645 Sq	1.486	.250-32	.375	.125	.750	311-2196-00		16.390	CR
20 k	3	2.75 @ 40	indep lin ^f .5%	ww	1	Hybrid Element	5	1.328	.734	.375-32	.375	.250	.750	311-0537-01			OB
20 k	10	2. @ 25	indep lin ^f .25%	C.P.9/ww	10		1	.875	.790	.375-32	.312	.250	.812	311-1709-00	U	9.140	CR
20 k	5	1. @ 70	Linear	non ww	10			.640 Sq	.770		.391	.125	1.250	311-2389-00		7.850	CR
20 k	5	1. @ 70	indep lin ^f .25%	ww	3	Concentric Hybrid Element	1	.890	.765	.250-32	.312	.125	1.500	311-2162-00		9.800	CR
20 k	10	.25 @ 70	Linear	non ww	3.25			.515/	.781			.125	1.175	311-2321-00		3.600	CR
20 k/20 k	10	1. @ 70	indep lin ^f .25%	C.P.9/ww	10/10		10	.645	1.471	.375-32	.250	.249	.625	311-2128-00			NP
30 k	3	5. @ 70	indep lin ^f .25%	ww	10	.969 Long Shaft .719 Long Shaft	1	1.812	2.028	.375-32	.312	.250	.937	311-0022-00			OB
30 k	3	2. @ 70	indep lin ^f .25%	ww	10		1	.890	.765	.375-32	.312	.250	.937	311-0318-00			OB
50 k	3	2. @ 70	indep lin ^f .1%	ww	10		1	.890	.825	.375-32	.312	.250	.937	311-0342-00		9.820	CR
50 k	3	1.5 @ 70	indep lin ^f .25%	ww	10	(See Spec.)	1	.890	.765	.375-32	.312	.250	.808	311-0351-00			OB
50 k	5	2. @ 70	(See Spec.)	ww	10		1	.890	.815	.250-32	.312	.125	.812	311-0946-00	U	11.470	CR
50 k	5	2. @ 40	(See Spec.)	ww	10		1	.890	.765	.375-32	.312	.249	.812	311-1458-00		11.860	CS
50 k	3	2. @ 70	indep lin ^f .1%	ww	10	Hybrid Element	1	.890	1.020	.250-32	.312	.125	.812	311-1685-00			OB
50 k	10	2. @ 70	indep lin ^f .25%	C.P.9/ww	10		1	.890	.765	.250-32	.312	.125	.685	311-1889-00	A	10.970	CR
50 k	3	2. @ 70	Linear	ww	10		1	.890	.765	.250-32	.312	.125	.812	311-1953-00			DL
50 k/50 k	5	1. @ 70	indep lin ^f .25%	ww	10		10	.645	1.471	.375-32	.250	.249	1.117	311-2128-01	U	14.200	CR
100 k	5	1. @ 40	indep lin ^f 1%	ww	10		2	.516	1.020	.250-32	.250	.094	.500	311-0686-00			OB

^a See the Resistor & Capacitor Section in Supplement Catalog (#7).^b For Illustrations, see tab marked Section 6 in the back of this catalog.^c There are often substantial size variations between different manufacturers. Care should be taken to leave room for the maximum size part indicated on the current Tektronix specification.^d Dimensions for outer shaft, first line--inner shaft, second line.^e The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.^f Independent Linearity.^g Conductive Plastic.

SECTION 7

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CATALOG WRITER: SANDRA PHILLIPS, 629-3030

TRIMMERS

Resistance Ω	Tolerance %	Wattage W @ °C	Taper ^a	Element Type	Figure ^b	Other	Part Number	Codes ^c		
								ND	Cost	ST
10.	20	.5 @ 70	Linear	Cermet	3A		311-1294-00		.400	CS
10.	20	.5 @ 40	Linear	Cermet	5A		311-1594-00		.240	CR
10.	10	.5 @ 70	Linear	Cermet	1A		311-2083-00			DL
10.	20	.5 @ 40	Linear	non Wirewound	5A	Taped & Reeled	311-2223-00	U	.243	CR
10.	20	.5 @ 40	Linear	Cermet	2B	Mach. Insertable	311-2280-00		.290	CR
12.5	5	1. @ 70	Linear	Wirewound	11		311-0866-00			OB
20.	20	.5 @ 70	Linear	Cermet	3A		311-1007-00		.400	CR
20.	20	.5 @ 70	Linear	Cermet	1A		311-1423-00		.268	CR
20.	20	.5 @ 70	Linear	Cermet	2A		311-1501-00		.268	CR
20.	20	.5 @ 40	Linear	Cermet	5A		311-1731-00	U	.240	CR
20.	10	.5 @ 70	Linear	non Wirewound	1C		311-2112-00	U		DL
20.	20	.5 @ 70	Linear	non Wirewound	3B	Taped & Reeled	311-2224-00		.243	CR
20.	20	.5 @ 40	Linear	Cermet	2B	Mach. Insertable	311-2279-00			DL
25.	20	.5 @ 40	Linear	non Wirewound	3B	Taped & Reeled	311-2225-00			DL
25.	20	.5 @ 40	Linear	Cermet	2B	Mach. Insertable	311-2278-00			DL
30.	5	1. @ 70	Linear	Wirewound	11		311-0867-00			OB
50.	20	.5 @ 70	Linear	Cermet	3A		311-0643-00	U	.490	CR
50.	20	.5 @ 70	Linear	Cermet	3A		311-0643-03	U	.580	CR
50.	20	.5 @ 70	Linear	Cermet	1A		311-1221-00		.268	CR
50.	20	.5 @ 70	Linear	Cermet	3B		311-1258-00		.490	CR
50.	20	.5 @ 70	Linear	Cermet	4		311-1276-00		.540	CR
50.	20	.5 @ 70	Linear	Cermet	2A		311-1936-00		.268	CR
50.	20	.5 @ 40	Linear	Cermet	5A		311-1568-00		.210	CR
50.	20	.5 @ 70	Linear	non Wirewound	3B	Taped & Reeled	311-2226-00		.243	CR
50.	10	.5	Linear	Cermet	10A		311-0886-00			OB
50.	5	.5 @ 70	Linear	Wirewound	3B		311-0839-00			OB
50.	20	.5 @ 40	Linear	Cermet	2B	Mach. Insertable	311-2277-00		.243	CR
100.	20	.25 @ 70	Linear	Composition	7		311-0433-00		2.320	CS
100.	5	1. @ 70	Linear	Wirewound	11		311-0514-00			OB
100.	20	.2 @ 40	Linear bln	Composition	15A		311-0615-00			OB
100.	10	.5 @ 70	Linear	Cermet	3A		311-0622-00		.490	CR
100.	10	.5 @ 70	Linear	Cermet	3A		311-0622-01	U	.490	CR
100.	10	.5 @ 70	Linear	Cermet	3A		311-0622-03		.440	CR
100.	10	.5 @ 70	Linear	Cermet	10A		311-0884-00			OB
100.	30	.25 @ 40	Linear	Composition	9		311-1120-00		.400	CR
100.	20	.5 @ 40	Linear	Cermet	5B		311-1132-00		.240	CR
100.	10	.5 @ 70	Linear	Cermet	2C		311-1140-00		.260	CR
100.	10	.5 @ 70	Linear	Cermet	1A		311-1222-00		.268	CR
100.	10	.5 @ 70	Linear	Cermet	2A		311-1244-00		.268	CR
100.	10	.5 @ 70	Linear	Cermet	3B		311-1259-00	U	.490	CR
100.	10	.5 @ 70	Linear	Cermet	4		311-1277-00		.550	CR
100.	30	.25 @ 40	Linear	Composition	8		311-1328-00		.450	CS
100.	20	.5 @ 40	Linear	Cermet	5A		311-1567-00	U	.210	CR
100.	10	.5 @ 70	Linear	Cermet	1C		311-2029-00		.260	CR
100.	10	.5 @ 70	Linear	non Wirewound	1C		311-2098-00		.260	CR
100.	20	.5 @ 40	Linear	non Wirewound	3B	Taped & Reeled	311-2227-00		.243	CR
100.	20	.5 @ 40	Linear	Cermet	2B	Mach. Insertable	311-2276-00		.290	CR
100.	10	.25	Linear	Cermet			311-2330-00		1.200	CR
100.	25	.1 @ 70	Linear	Cermet	19	SMD	311-5005-00		.124	CR
100.	30	.2 @ 70	Linear	Cermet		SMD	311-5021-00			CR
100.	25	.1 @ 70	Linear	non Wirewound		SMD	311-5037-00	A	.334	CR
150.	20	.2 @ 40	Linear	Composition	13A		311-0129-00			OB
150.	10	.25 @ 70	Linear	Composition	7		311-0970-00			OB
200.	20	.5 @ 40	Linear	Cermet	13B		311-0411-00		.210	CR
200.	20	.1 @ 40	Linear bln	Composition	13C		311-0441-00			OB

^a See the Resistor & Capacitor Section in Supplement Catalog (#7).

^b For Illustrations, see tab marked Section 7 in the back of this catalog.

^c The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

TRIMMERS (cont)

Resistance Ω	Tolerance %	Wattage W @ $^{\circ}\text{C}$	Taper ^a	Element Type	Figure ^b	Other	Part Number	Codes ^c		
								ND	Cost	ST
200.	10	.5 @ 70	Linear	Cermet	3A	.340 Lead Long	311-0605-00	U	.490	CR
200.	10	.5 @ 70	Linear	Cermet	3A	.250 Lead Long	311-0605-01		.404	CR
200.	10	.5 @ 70	Linear	non Wirewound	3A		311-0605-04		.440	CR
200.	20	.1 @ 40	Linear	Composition	12		311-0987-00			NP
200.	20	.5 @ 40	Linear	Cermet	5A		311-1566-00		.210	CR
200.	10	.5 @ 70	Linear	Cermet	1A		311-2082-00		.260	CR
200.	30	.1 @ 70	Linear	Cermet	17		311-2175-00		.155	CR
200.	20	.5 @ 40	Linear	non Wirewound	3B	Taped & Reeled	311-2228-00		.264	CR
200.	20	.5 @ 40	Linear	Cermet	2B	Mach. Insertable	311-2275-00		.264	CR
200.	25	.1 @ 70	Linear	Cermet	19	SMD	311-5001-00		.195	CR
200.	25	.1	Linear	non Wirewound		SMD	311-5032-00	A	.334	CR
250.	10	.25 @ 70	Linear bln	Composition	7		311-0442-00			NP
250.	5	1. @ 70	Linear	Wirewound	11		311-0515-00		2.490	CS
250.	20	.2 @ 40	Linear bln	Composition	15A		311-0616-00			OB
250.	10	.5 @ 85	Linear	Composition	10A		311-0827-00		.600	CS
250.	10	.5 @ 85	Linear	Cermet	10B		311-0901-00	A		OB
250.	10	.5 @ 70	Linear	Cermet	3A		311-0978-00		.400	CR
250.	10	.5 @ 70	Linear	Cermet	3A		311-0978-01		.400	CR
250.	30	.25 @ 40	Linear	Composition	9		311-1124-00		.429	CR
250.	10	.5 @ 70	Linear	Cermet	1A		311-1223-00		.268	CR
250.	10	.5 @ 70	Linear	Cermet	2A		311-1236-00	U	.268	CR
250.	10	.5 @ 70	Linear	Cermet	3B		311-1260-00		.490	CR
250.	10	.5 @ 70	Linear	Cermet	4		311-1278-00		.590	CR
250.	30	.25 @ 40	Linear	Composition	8		311-1308-00	U	1.050	CS
250.	20	.5 @ 40	Linear	Cermet	5A		311-1565-00		.210	CR
250.	10	.5 @ 70	Linear	Cermet	2B		311-1921-00		.260	CR
250.	20	.5 @ 40	Linear	non Wirewound	3B	Taped & Reeled	311-2229-00		.243	CR
250.	20	.5 @ 40	Linear	Cermet	2B	Mach. Insertable	311-2274-00			DL
500.	20	.2 @ 40	Linear	Composition	15A		311-0056-00			OB
500.	20	.25 @ 70	Linear bln	Composition	7		311-0480-00		4.990	CS
500.	10	.5 @ 70	Linear	Cermet	3A		311-0634-00	U	.490	CR
500.	10	.5 @ 70	Linear	Cermet	3A		311-0634-01			DL
500.	5	1. @ 70	Linear	Wirewound	11		311-0658-00		2.490	CS
500.	10	.5 @ 40	Linear	Cermet	5C	Bent Leads	311-0704-00		.320	CS
500.	20	.1 @ 40	Linear	Composition	13C		311-0834-00			OB
500.	10	.5 @ 85	Linear	Cermet	10B		311-0863-00			OB
500.	20	.5 @ 70	Linear	Cermet	2C		311-1139-00		.395	CS
500.	10	.5 @ 70	Linear	Cermet	1A		311-1224-00		.268	CR
500.	10	.5 @ 70	Linear	Cermet	2A		311-1248-00		.268	CR
500.	10	.5 @ 70	Linear	Cermet	3B		311-1261-00		.490	CR
500.	10	.5 @ 70	Linear	Cermet	4		311-1279-00		.590	CR
500.	20	.5 @ 40	Linear	Cermet	5A		311-1564-00		.210	CR
500.	20	.5 @ 40	Linear	Cermet	6B		311-1571-00		.380	CR
500.	10	.5 @ 70	Linear	Cermet	2B		311-1920-00		.268	CR
500.	10	.5 @ 70	Linear	non Wirewound	1C		311-2099-00		.270	CR
500.	30	.1 @ 70	Linear	Cermet	17		311-2195-00		.155	CR
500.	20	.5 @ 40	Linear	non Wirewound	3B	Taped & Reeled	311-2230-00		.243	CR
500.	20	.5 @ 40	Linear	Cermet	2B	Taped & Reeled	311-2257-00		.300	CR
500.	25	.1 @ 70	Linear	non Wirewound	19	SMD	311-5000-00		.120	CR
500.	25	.1		Cermet		SMD	311-5015-00		.209	EN
500.	10	.2		Cermet		SMD	311-5017-00	A	.730	PP
500.	25	.1	Linear	non Wirewound		SMD	311-5033-00		.334	CR
750.	10	.5 @ 40	Linear	Cermet	5A		311-0826-00		.310	CR
750.	10	.5 @ 70	Linear	Cermet	3B		311-1262-00		.490	CR
1. k	20	.2 @ 40	Linear bln	Cermet	13A		311-0131-00			OB

^a See the Resistor & Capacitor Section in Supplement Catalog (#7).^b For Illustrations, see tab marked Section 7 in the back of this catalog.^c The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

TRIMMERS (cont)

Resistance Ω	Tolerance %	Wattage W @ °C	Taper ^a	Element Type	Figure ^b	Other	Part Number	Codes ^c		
								ND	Cost	ST
1. k	20	.5 @ 70	Linear	Cermet	6C		311-0331-00			OB
1. k	20	.5 @ 40	Linear	Cermet	13B		311-0436-00		.210	CR
1. k	20	.25 @ 70	Linear bln	Composition	7		311-0462-00		1.940	CS
1. k	10	.5 @ 70	Linear	Cermet	3A		311-0635-00		.490	CR
1. k	10	.5 @ 70	Linear	Cermet	3A		311-0635-02		.400	CR
1. k	10	.5 @ 85	Linear	Cermet	10A		311-0732-00		.270	CS
1. k	20	.2 @ 40	Linear	non Wirewound	15A		311-0777-01			OB
1. k	10	.5 @ 85	Linear	Cermet	10A		311-0807-00		1.650	CS
1. k	30	.25 @ 40	Linear	Composition	9		311-1123-00		.510	CR
1. k	20	.5 @ 70	Linear	Cermet	2C		311-1138-00		.268	CR
1. k	20	.5 @ 40	Linear	Cermet	5B		311-1154-00		.240	CR
1. k	10	.5 @ 70	Linear	Cermet	1A		311-1225-00		.268	CR
1. k	10	.5 @ 70	Linear	Cermet	2A		311-1237-00		.280	CR
1. k	10	.5 @ 70	Linear	Cermet	3B		311-1263-00		.490	CR
1. k	10	.5 @ 70	Linear	Cermet	4		311-1280-00		.590	CR
1. k	30	.25 @ 40	Linear	Composition	8		311-1408-00		.650	CS
1. k	20	.5 @ 40	Linear	Cermet	5A		311-1563-00	U	.230	CR
1. k	20	.5 @ 40	Linear	Cermet	5A		311-1563-01		.210	CR
1. k	20	.5 @ 40	Linear	Cermet	6B		311-1572-00		.380	CR
1. k	10	.5 @ 70	Linear	Cermet	2B		311-1919-00		.268	CR
1. k	10	.5 @ 70	Linear	non Wirewound	1C		311-2100-00		.260	CR
1. k	20	.5 @ 40	Linear	non Wirewound	5A	Taped & Reeled	311-2231-00		.243	CR
1. k	20	.5 @ 40	Linear	Cermet	2B	Taped & Reeled	311-2258-00		.264	CR
1. k	25	.1 @ 70	Linear	non Wirewound	18		311-2342-00		.192	CR
1. k	20	.5 @ 70	Linear	Cermet	1B		311-2391-00		.480	CS
1. k	10	.25 @ 70	Linear	Cermet	2A		311-2418-00	A	1.620	PP
1. k	25	.1 @ 70	Linear	Cermet	19	SMD	311-5004-00		.124	CR
1. k	25	.1 @ 70	Linear	Cermet		SMD	311-5022-00			PP
1. k	10	.25 @ 70	Linear	non Wirewound		SMD	311-5026-00			EN
1. k	25	.1 @ 70	Linear	non Wirewound		SMD	311-5039-00	A	.334	CR
1.5 k	5	1. @ 70	Linear	Wirewound	11		311-0532-00		2.490	CR
1.5 k	20	2. @ 55	Linear	Wirewound			311-2081-00		3.000	CS
1.5 k	10	.5 @ 70	Linear	Cermet	3B		311-1264-00		.490	CR
1.5 k	20	.5 @ 40	Linear	Cermet	5A		311-1749-00		.280	CR
1.5 k	20	.5 @ 70	Linear	non Wirewound	2A		311-2189-00		.269	CR
2. k	10	.5 @ 70	Linear	Cermet	3A		311-0609-00		.490	CR
2. k	10	.5 @ 70	Linear	Cermet	3A		311-0609-01		.500	CS
2. k	10	.5 @ 70	Linear	Cermet	3B		311-1265-00	U	.490	CR
2. k	30	.25 @ 40	Linear	Composition	9		311-1370-00	U	.874	CR
2. k	10	.5 @ 70	Linear	Cermet	1A		311-1466-00	U	.268	CR
2. k	20	.5 @ 40	Linear	Cermet	5A		311-1562-00	U	.230	CR
2. k	10	.5 @ 70	Linear	Cermet	2B		311-1918-00		.268	CR
2. k	20	.5 @ 70	Linear	non Wirewound	2C		311-2071-00		.260	CS
2. k	10	.5 @ 70	Linear	non Wirewound	1C		311-2101-00	A	.260	CR
2. k	20	.5 @ 40	Linear	non Wirewound	3B	Taped & Reeled	311-2232-00		.243	CR
2. k	20	.5 @ 40	Linear	Cermet	2B	Mach. Insertable	311-2273-00		.264	CR
2. k	25	.1 @ 70	Linear	Cermet		SMD	311-5023-00			PP
2. k	25	.1 @ 70	Linear	Cermet	19	SMD	311-5003-00		.124	CR
2. k	25	.1 @ 70	Linear	non Wirewound		SMD	311-5034-00	A	.334	CR
2.5 k	20	.2 @ 40	Linear	Composition			311-0010-00			OB
2.5 k	20	.25 @ 70	Linear bln	Composition	7		311-0496-00		1.500	CS
2.5 k	5	1. @ 70	Linear	Wirewound	11		311-0540-00		2.490	CS
2.5 k	10	.5 @ 85	Linear	Cermet	10B		311-0940-00			OB
2.5 k	10	.5 @ 85	Linear	Cermet	10B		311-0953-00		.600	CS
2.5 k	10	.5 @ 70	Linear	Cermet	1C		311-1141-00		.268	CR

^a See the Resistor & Capacitor Section in Supplement Catalog (#7).^b For Illustrations, see tab marked Section 7 in the back of this catalog.^c The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

TRIMMERS (cont)

Resistance Ω	Tolerance %	Wattage W @ °C	Taper ^a	Element Type	Figure ^b	Other	Part Number	Codes ^c		
								ND	Cost	ST
2.5 k	10	.5 @ 70	Linear	Cermet	1A		311-1226-00		.268	CR
2.5 k	10	.5 @ 70	Linear	Cermet	2A		311-1239-00		.268	CR
2.5 k	10	.5 @ 70	Linear	Cermet	3B		311-1266-00		.490	CR
2.5 k	10	.5 @ 70	Linear	Cermet	4		311-1281-00		.540	CR
2.5 k	20	.25 @ 70	r/s log	Cermet	1A		311-1417-00	U	.580	CS
2.5 k	20	.5 @ 40	Linear	Cermet	5A		311-1561-00	U	.230	CR
2.5 k	10	.5 @ 70	Linear	Cermet	3A		311-1757-00		.400	CR
2.5 k	30	.25 @ 55	Linear	Composition	9		311-2003-00		.400	CS
3. k	20	.5 @ 40	Linear	Cermet	2B	Mach. Insertable	311-2272-00		.210	EN
3. k	20	.5 @ 70	Linear	non Wirewound	3B	Taped & Reeled	311-2233-00		.264	CR
5. k	20	.2 @ 70	Linear	Composition			311-0074-00			OB
5. k	20	.25 @ 70	Linear bln	Composition	7		311-0463-00		1.630	CS
5. k	20	.125 @ 70	Linear	Composition			311-0359-00			OB
5. k	5	1. @ 70	Linear	Wirewound	11		311-0601-00		2.490	CS
5. k	10	.5 @ 70	Linear	Cermet	3A		311-0633-00		.490	CR
5. k	20	.5 @ 40	Linear	Composition	5A		311-0833-00			OB
5. k	10	.5 @ 85	Linear	Cermet	10A		311-0836-00		.600	CS
5. k	10	.5 @ 85	Linear	Cermet	10B		311-0902-00		2.440	CS
5. k	20	.5 @ 70	Linear	Cermet	1C		311-1137-00	A	.268	CR
5. k	20	.5 @ 40	Linear	Composition	5B	Bent Leads	311-1153-00	U	.240	CR
5. k	20	.5 @ 40	Linear	Cermet	2B	Mach. Insertable	311-2271-00		.264	CR
5. k	30	.25 @ 55	Linear	Composition	9		311-1204-00		2.100	CS
5. k	10	.5 @ 70	Linear	Cermet	1A		311-1227-00	A	.268	CR
5. k	10	.5 @ 70	Linear	Cermet	2A		311-1238-00	U	.260	CR
5. k	10	.5 @ 70	Linear	Cermet	3B		311-1267-00		.490	CR
5. k	10	.5 @ 70	Linear	Cermet	4		311-1282-00		.590	CR
5. k	30	.25 @ 55	Linear	Composition	8		311-1314-00		.650	CS
5. k	20	.5 @ 40	Linear	Cermet	5A		311-1560-00	U	.210	CR
5. k	10	.5 @ 70	Linear	Cermet	3A		311-1862-00		.400	CR
5. k	20	.5 @ 70	Linear	Cermet	5A	Black Knob	311-1863-01		1.100	CR
5. k	10	.5 @ 70	Linear	Cermet	2B		311-1917-00		.268	CR
5. k	20	.5 @ 40	Linear	non Wirewound	3B	Taped & Reeled	311-2234-00		.243	CR
5. k	30	1. @ 70	Linear	non Wirewound	17		311-2253-00		.238	CR
5. k	10	.25 @ 70	log	non Wirewound	1C		311-2329-00		.450	CR
5. k	10	.2 @ 70	Linear	Cermet		SMD	311-5036-00		1.640	CR
7.5 k	10	.2 @ 40	Linear bln	Composition	15A		311-0600-00			OB
7.5 k	10	1. @ 70	Linear	Wirewound	11		311-0835-00		2.490	CR
10. k	20	.2 @ 40	Linear	Composition	15A		311-0017-00			OB
10. k	20	.1 @ 40	Linear bln	Composition	13C		311-0438-00			OB
10. k	20	.125 @ 40	Linear	Composition			311-0453-00			OB
10. k	20	.25 @ 70	Linear bln	Composition	7		311-0510-00		1.300	CS
10. k	10	.5 @ 70	Linear	Cermet	3A		311-0607-00		.400	CR
10. k	10	.5 @ 85	Linear	Cermet	10B		311-0900-00		1.580	CS
10. k	20	.5 @ 40	Linear	Cermet	5C	Bent Leads	311-0950-00	U	.340	CS
10. k	30	.25 @ 55	Linear	Composition	8		311-1133-00		.511	CR
10. k	30	.25 @ 55	Linear	Composition	9		311-1199-00		1.050	CR
10. k	10	.5 @ 70	Linear	Cermet	1A		311-1228-00	U	.268	CR
10. k	10	.5 @ 70	Linear	Cermet	1A		311-1228-02			DL
10. k	10	.5 @ 70	Linear	Cermet	2A		311-1245-00		.280	CR
10. k	10	.5 @ 70	Linear	Cermet	3B		311-1268-00		.490	CR
10. k	10	.5 @ 70	Linear	Cermet	4		311-1283-00	U	.590	CR
10. k	20	.5 @ 40	Linear	Cermet	5A		311-1559-00		.210	CR
10. k	10	.5 @ 70	Linear	Cermet	2B		311-1916-00		.347	CR
10. k	20	.5 @ 70	Linear	non Wirewound	1C		311-2048-00			OB
10. k	10	.5 @ 70	Linear	non Wirewound	1C		311-2102-00		.260	CR

^a See the Resistor & Capacitor Section in Supplement Catalog (#7).^b For Illustrations, see tab marked Section 7 in the back of this catalog.^c The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

TRIMMERS (cont)

Resistance Ω	Tolerance %	Wattage W @ °C	Taper ^a	Element Type	Figure ^b	Other	Part Number	Codes ^c		
								ND	Cost	ST
10. k	20	.5 @ 40	Linear	non Wirewound	3B	Taped & Reeled	311-2235-00		.300	CR
10. k	10	.5 @ 70	log	non Wirewound	7		311-2254-00	U	2.130	OT
10. k	20	.5 @ 40	Linear	Cermet	2B	Mach. Insertable	311-2270-00	U	.264	CR
10. k	25	.1 @ 70	Linear	non Wirewound		SMD	311-5035-00	U	.246	PP
10. k	25	.1 @ 70	Linear	non Wirewound		SMD	311-5040-00	A	.334	CR
15. k	10	.25 @ 70	Linear	Composition	7		311-1065-00			OB
15. k	10	.5 @ 70	Linear	Cermet	1A		311-1229-00		.270	CR
15. k	20	.5 @ 40	Linear	Cermet	5A		311-1748-00		.380	CR
20. k	20	.1 @ 40	Linear	Composition	13A		311-0337-00			OB
20. k	20	.25 @ 70	Linear bln	Composition	7		311-0541-00		1.420	CS
20. k	10	.5 @ 70	Linear	Cermet	3A		311-0644-00		.490	CR
20. k	10	.5 @ 70	Linear	Cermet	3A		311-0644-01		.480	CS
20. k	10	.5 @ 40	Linear	Cermet	5C	Bent Leads	311-0840-00		.340	CS
20. k	5	.1 @ 70	Linear	Wirewound	11		311-1004-00		1.620	CS
20. k	10	.5 @ 70	Linear	Cermet	2A		311-1198-00		.268	CR
20. k	10	.5 @ 70	Linear	Cermet	1A		311-1230-00		.268	CR
20. k	10	.5 @ 70	Linear	Cermet	3B		311-1269-00		.490	CR
20. k	10	.5 @ 70	Linear	Cermet	4		311-1284-00		.590	CR
20. k	20	.5 @ 40	Linear	Cermet	5A		311-1558-00	U	.210	CR
20. k	20	.5 @ 40	Linear	Cermet	5A	Blue Knob	311-1558-01		.450	CS
20. k	20	.5 @ 40	Linear	Cermet	5A	Red Knob	311-1558-02		.450	CS
20. k	20	.5 @ 40	Linear	Cermet	5A	Green Knob	311-1558-03		.450	CS
20. k	10	.5 @ 70	Linear	Cermet	2B		311-1915-00		.260	CR
20. k	10	.5 @ 70	Linear	non Wirewound	1C		311-2103-00		.260	CR
20. k	20	.5 @ 40	Linear	non Wirewound	3B	Taped & Reeled	311-2236-00		.243	CR
20. k	20	.5 @ 40	Linear	Cermet	2B	Mach. Insertable	311-2269-00	U	.280	CR
20. k	10	.25 @ 70	Linear	non Wirewound	7		311-2288-00		1.300	CR
20. k	25	.1 @ 70	Linear	Cermet		SMD	311-5024-00			PP
20. k	25	.1 @ 70	Linear	non Wirewound		SMD	311-5038-00		.450	EN
25. k	20	.25 @ 70	Linear bln	Composition	7		311-0464-00		1.500	CS
25. k	20	.5 @ 40	Linear	Cermet	5C	Bent Leads	311-0813-00			OB
25. k	10	.5 @ 85	Linear	Cermet	10B		311-0868-00		1.650	CS
25. k	10	.5 @ 70	Linear	Cermet	1A		311-1231-00		.268	CR
25. k	10	.5 @ 70	Linear	Cermet	2A		311-1240-00		.268	CR
25. k	10	.5 @ 70	Linear	Cermet	3B		311-1270-00		.490	CR
25. k	10	.5 @ 70	Linear	Cermet	3A		311-1270-01		.400	CR
25. k	10	.5 @ 70	Linear	Cermet	4		311-1285-00		.590	CR
25. k	30	.25 @ 55	Linear	Composition	8		311-1315-00		.650	CS
25. k	20	.5 @ 40	Linear	Cermet	5A		311-1557-00	U	.210	CR
25. k	10	.5 @ 70	Linear	Cermet	10A		311-1756-00		.910	CS
25. k	20	.5 @ 40	Linear	Cermet	2B	Mach. Insertable	311-2268-00			DL
25. k	20	.5 @ 40	Linear	non Wirewound	3B	Taped & Reeled	311-2237-00		.264	CR
30. k	10	.5 @ 70	Linear	Cermet	3A		311-0614-00		.490	CR
50. k	20	.2 @ 40	Linear	Composition	13A		311-0078-00			OB
50. k	20	.25 @ 70	Linear bln	Composition	7		311-0497-00		2.710	CS
50. k	20	.25 @ 70	r/s log	Composition	7		311-0508-00			OB
50. k	10	.5 @ 85	Linear	Cermet	10A		311-0883-00		.340	CS
50. k	10	.5 @ 85	Linear	Cermet	10B		311-0904-00			OB
50. k	10	.25 @ 70	log	Composition	7		311-0942-00			OB
50. k	10	.5 @ 70	Linear	Cermet	3A		311-1022-00		.400	CR
50. k	10	.5 @ 70	Linear	Cermet	3A		311-1035-00	U	.400	CR
50. k	20	.5 @ 70	Linear	Cermet	2C		311-1134-00		.270	CR
50. k	10	.5 @ 70	Linear	Cermet	1C		311-1164-00		.280	CR
50. k	10	.5 @ 70	Linear	Cermet	1A		311-1232-00		.268	CR
50. k	20	.25 @ 70	log	Cermet	1A		311-1233-00		1.640	CR

^a See the Resistor & Capacitor Section in Supplement Catalog (#7).^b For illustrations, see tab marked Section 7 in the back of this catalog.^c The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

TRIMMERS (cont)

Resistance Ω	Tolerance %	Wattage W @ °C	Taper ^a	Element Type	Figure ^b	Other	Part Number	Codes ^c		
								ND	Cost	ST
50. k	20	.25 @ 70	rtrs log	Cermet	1A		311-1234-00		.830	CR
50. k	10	.5 @ 70	Linear	Cermet	2A		311-1246-00		.260	CR
50. k	10	.5 @ 70	Linear	Cermet	3B		311-1271-00		.490	CR
50. k	10	.5 @ 70	Linear	Cermet	4		311-1286-00		.590	CR
50. k	30	.25 @ 55	Linear	Composition	9		311-1363-00		.450	CR
50. k	20	.5 @ 40	Linear	Cermet	5A		311-1556-00		.210	CR
50. k	10	.5 @ 70	Linear	Cermet	2B		311-1914-00		.350	CR
50. k	20	.5 @ 40	Linear	non Wirewound	3B	Taped & Reeled	311-2238-00		.243	CR
50. k	20	.5 @ 40	Linear	Cermet	2B	Taped & Reeled	311-2267-00		.265	CR
50. k	20	.5 @ 70	log		4		311-2283-00	A	.850	CR
50. k	10	.5		Cermet		SMD	311-5018-00		.730	PP
100. k	20	.5 @ 70	Linear	Cermet	6C		311-0454-00			OB
100. k	20	.25 @ 70	Linear bln	Composition	7		311-0465-00		1.940	CS
100. k	10	.5 @ 70	Linear	Cermet	3A		311-0613-00		.490	CR
100. k	10	.5 @ 70	Linear	Cermet	3A		311-0613-01		.400	CR
100. k	10	.5 @ 40	Linear	Cermet	5C	Bent Leads	311-0831-00			NP
100. k	10	.5 @ 85	Linear	Cermet	10B		311-0905-00		2.140	CS
100. k	30	.25 @ 55	Linear	Composition	8		311-1136-00		.400	CR
100. k	10	.5 @ 70	Linear	Cermet	1C		311-1148-00		.260	CR
100. k	20	.5 @ 40	Linear	Cermet	5B		311-1152-00		.240	CR
100. k	10	.5 @ 70	Linear	Cermet	1A		311-1235-00		.268	CR
100. k	10	.5 @ 70	Linear	Cermet	2A		311-1241-00		.268	CR
100. k	10	.5 @ 70	Linear	Cermet	3B		311-1272-00		.490	CR
100. k	10	.5 @ 70	Linear	Cermet	4		311-1287-00		.590	CR
100. k	30	.25 @ 55	Linear	Composition	9		311-1302-00		.500	CR
100. k	20	.5 @ 40	Linear	Cermet	5A		311-1555-00		.380	CR
100. k	20	.5 @ 40	Linear	Cermet	5A	Red Knob	311-1555-01		.450	CS
100. k	20	.5 @ 40	Linear	Cermet	5A	Green Knob	311-1555-02		.450	CS
100. k	20	.5 @ 40	Linear	Cermet	5A	Blue Knob	311-1555-03		.450	CS
100. k	20	.2 @ 40	Linear	Composition	15A		311-1603-00		13.220	CR
100. k	20	.5 @ 40	Linear	non Wirewound	3B	Taped & Reeled	311-2239-00		.243	CR
100. k	20	.5 @ 40	Linear	Cermet	2B	Mach. Insertable	311-2266-00		.264	CR
100. k	10	.25		non Wirewound		SMD	311-5025-00			EN
100. k	25	.1 @ 70	Linear	non Wirewound		SMD	311-5041-00	A	.334	CR
200. k	20	.2 @ 40	Linear	Composition	13A		311-0106-00			OB
200. k	20	.25 @ 70	Linear	Composition	7		311-0624-00		2.170	CR
200. k	10	.5 @ 70	Linear	Cermet	3A		311-0660-00	U	.470	CR
200. k	20	.5 @ 40	Linear	Cermet	5C	Bent Leads	311-0885-00	U	.270	CS
200. k	10	.5 @ 70	Linear	Cermet	1A		311-1214-00		.268	CR
200. k	10	.5 @ 70	Linear	Cermet	3A		311-0660-02			DL
200. k	10	.5 @ 70	Linear	Cermet	2A		311-1242-00		.268	CR
200. k	20	.25 @ 70	rtrs log	Cermet	1A		311-1251-00	U	.830	CR
200. k	10	.5 @ 70	Linear	Cermet	3B		311-1273-00		.490	CR
200. k	10	.5 @ 70	Linear	Cermet	4		311-1288-00		.590	CR
200. k	20	.5 @ 40	Linear	non Wirewound	5A		311-1554-00		.270	CR
200. k	30	.25 @ 55	Linear	Composition	9		311-1813-00		.700	CR
200. k	20	.25 @ 70	rtrs log	non Wirewound	2A		311-1940-00		.560	CS
200. k	10	.5 @ 70	Linear	non Wirewound	2C		311-2155-00	A	.335	CS
200. k	20	.5 @ 40	Linear	non Wirewound	3B	Taped & Reeled	311-2240-00		.243	CR
200. k	20	.5 @ 40	Linear	Cermet	2B	Mach. Insertable	311-2265-00		.264	CR
250. k	20	.5 @ 40	Linear	Cermet	5B		311-1166-00		.240	CR
250. k	30	.25 @ 55	Linear	non Wirewound	8		311-1206-00		.511	CR
250. k	20	.5 @ 40	Linear	Cermet	5A		311-1553-00		.240	CR
250. k	20	.5 @ 40	Linear	Cermet	6A		311-1733-00			OB
250. k	20	.5 @ 40	Linear	Cermet	2B	Mach. Insertable	311-2264-00			DL

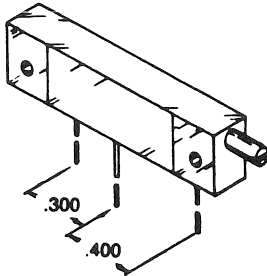
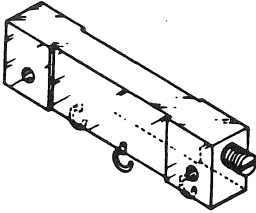
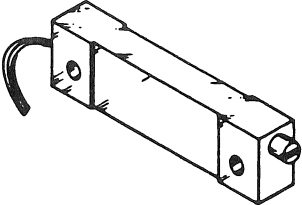
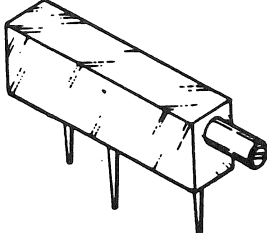
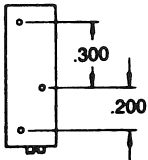
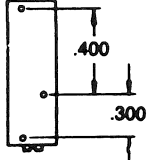
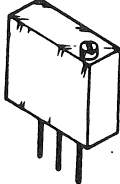
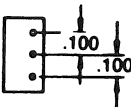
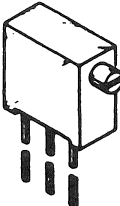
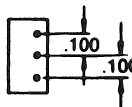
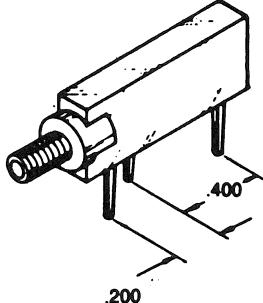
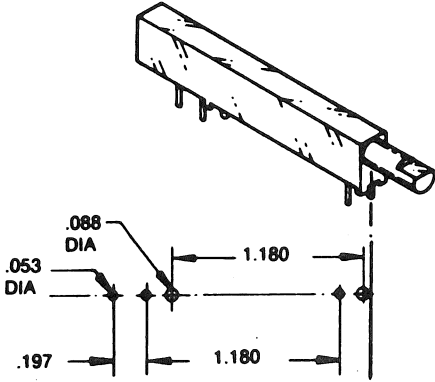
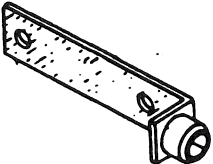
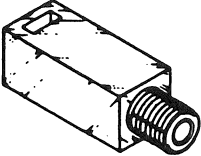
^a See the Resistor & Capacitor Section in Supplement Catalog (#7).^b For Illustrations, see tab marked Section 7 in the back of this catalog.^c The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

TRIMMERS (cont)

Resistance Ω	Tolerance %	Wattage W @ °C	Taper ^a	Element Type	Figure ^b	Other	Part Number	Codes ^c		
								ND	Cost	ST
500. k	20	.25 @ 50	Linear	Composition	1A	Bent Leads	311-0269-00		.400	OB
500. k	20	.25 @ 70	Linear bln	Composition	7		311-0551-00			OB
500. k	10	.5 @ 70	Linear	Cermet	3A		311-0606-00			CR
500. k	20	.25 @ 70	log	Composition	7		311-0676-00			NP
500. k	10	.5 @ 40	Linear	Cermet	5C		311-0892-00			OB
500. k	10	.5 @ 70	Linear	Cermet	2A		311-1243-00			CR
500. k	10	.5 @ 70	Linear	Cermet	1A		311-1252-00			CR
500. k	20	.25 @ 70	log	Cermet	1A		311-1253-00			CS
500. k	10	.5 @ 70	Linear	Cermet	3B		311-1274-00			CS
500. k	10	.5 @ 70	Linear	Cermet	4		311-1289-00			OB
500. k	30	.25 @ 55	Linear	Composition	8	Taped & Reeled	311-1296-00		.700	CR
500. k	20	.5 @ 40	Linear	Cermet	5A		311-1552-00			CR
500. k	20	.5 @ 40	Linear	Cermet	3B		311-2242-00			CR
500. k	20	.5 @ 40	Linear	Cermet	2B		311-2263-00			CM
500. k	10	.5 @ 70	Linear	non Wirewound	2B		311-2293-00			DL
1. M	20	.5 @ 70	Linear	Composition	14		311-0126-00		.440	OB
1. M	20	.25 @ 70	Linear bln	Composition	7		311-0552-00			OB
1. M	10	.5 @ 70	Linear	Cermet	3A		311-0698-00			CR
1. M	10	.5 @ 70	Linear	Cermet	3A		311-0698-02			EN
1. M	10	.5 @ 85	Linear	Cermet	10B		311-0903-00			OB
1. M	30	.25 @ 55	Linear	Composition	8		311-1135-00			CR
1. M	10	.5 @ 70	Linear	Cermet	2A		311-1247-00			CR
1. M	20	.5 @ 70	Linear	Cermet	1A		311-1254-00			CR
1. M	20	.5 @ 70	Linear	Cermet	3B		311-1275-00			CR
1. M	20	.5 @ 70	Linear	Cermet	4		311-1290-00			CS
1. M	20	.5 @ 40	Linear	Cermet	5A	Mach. Insertable Taped & Reeled	311-1551-00		.240	CR
1. M	20	.5 @ 40	Linear	Cermet	2B		311-2262-00			CR
1. M	20	.5 @ 40	Linear	Cermet	2B		311-2243-00			DL
2. M	20	.2 @ 40	Linear	Composition	13A		311-0082-00			OB
2. M	10	.2 @ 40	Linear bln	Composition	15B		311-0774-00			OB
2. M	20	.5 @ 70	Linear	Composition	7		311-0983-00	U	.870	OB
2. M	30	.25 @ 55	Linear	Composition	8		311-1205-00			CR
2. M	20	.5 @ 70	Linear	Cermet	1A		311-1255-00			CR
2. M	20	.5 @ 70	Linear	Cermet	4		311-1333-00			PP
2. M	20	.5 @ 40	Linear	Cermet	5A		311-1550-00			CR
2. M	20	.5 @ 70	Linear	Cermet	2A		311-1646-00		.268	CR
2. M	20	.5 @ 40	Linear	Cermet	2B		311-2261-00			DL
2.5 M	20	.25 @ 70	Linear bln	Composition	7		311-0637-00		.268	OB
2.5 M	20	.5 @ 70	Linear	Cermet	1A		311-1256-00			CR
2.5 M	30	.25 @ 55	Linear	Composition	8		311-1597-00			CS
2.5 M	20	.5 @ 40	Linear	Cermet	2B	Mach. Insertable	311-2260-00		1.400	DL
2.5 M	20	.5 @ 85	Linear	Cermet	1A		311-2296-00			CR
3.5 M	20	.5 @ 70	Linear	Composition	7		311-0174-00		.550	OB
5. M	20	.25 @ 70	Linear bln	Composition	7		311-0893-00			CS
5. M	20	.5 @ 70	Linear	Cermet	1A		311-1257-00			CR
5. M	20	.5 @ 70	Linear	Cermet	2A		311-1399-00			CR
5. M	-10 + 40	.25 @ 55	Linear	Plastic	8		311-2000-00			CR
5. M	20	1. @ 65	Linear	Cermet	16		311-2094-00			CS
5. M	20	.5 @ 40	Linear	Cermet	2B		311-2259-00			DL
5. M	20	.5 @ 85	Linear	Cermet	1A		311-2291-00			DL
15. M	20	1. @ 65	Linear	Cermet	16		311-2014-00		1.220	CS
25. M	20	1. @ 65	Linear	Cermet	16		311-2015-00			CS

^a See the Resistor & Capacitor Section in Supplement Catalog (#7).^b For Illustrations, see tab marked Section 7 in the back of this catalog.^c The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

TRIMMERS (MULTITURN)

 <p>FIGURE 1</p>	 <p>12-28 UNF-2A</p> <p>FIGURE 2</p>	 <p>FIGURE 3</p>
   <p>FIGURE 4A</p> <p>FIGURE 4B</p>	  <p>FIGURE 5</p>	  <p>FIGURE 6</p>
 <p>FIGURE 7</p>	 <p>FIGURE 8</p>	
 <p>407-0357-00</p>	<p>MOUNTING BRACKETS</p>  <p>407-1658-00</p>	

TRIMMERS (MULTITURN) (cont)

Resistance Ω	Tolerance %	Wattage W @ °C	Taper ^a	Element Type	Figure	Number of Turns (Nominal)	Part Number	Codes ^b		
								ND	Cost	ST
5.	20	.75 @ 70	Linear	Cermet	2	22	311-0444-00			OB
10.	10	.5 @ 70	Linear	Cermet	5	21.5	311-2197-00		.590	CR
20.	10	.5 @ 70	Linear	Cermet	5	17.5	311-1639-00		.830	CR
50.	10	.5 @ 70	Linear	non Wirewound	6		311-2299-00 ^c			DL
50.	20	.75 @ 70	Linear	Cermet	4A	17.5	311-1149-00		2.630	CR
100.	20	.75 @ 70	Linear	non Wirewound	2	22	311-0649-00			OB
100.	10	1. @ 85	Linear	non Wirewound	1	22	311-0989-00		2.500	CR
100.	10	.5 @ 70	Linear	Cermet	5	20	311-1175-00		.830	CR
100.	10	.5 @ 70	Linear	Cermet	4A	17.5	311-1488-00		.520	CR
100.	10	.5 @ 70	Linear	Cermet	6	20	311-1858-00		.830	CR
200.	10	.5 @ 70	Linear	Cermet	5	20	311-1036-00	U	.590	CR
200.	20	.5 @ 70	Linear	Cermet	4B	17.5	311-1167-00	U	2.500	CR
200.	10	1. @ 70	Linear	Cermet	1	22	311-1300-00		2.270	CS
200.	10	.5 @ 70	Linear	Cermet	6	20	311-1859-00		.590	CR
250.	10	.75 @ 70	Linear	Cermet	4A	17.5	311-1680-00		.640	CR
500.	10	.5 @ 70	Linear	Wirewound	1	22	311-0266-00		2.380	CS
500.	20	.75 @ 70	Linear	non Wirewound	3	22	311-0484-00			OB
500.	5	.75 @ 85	Linear	Wirewound	2		311-0558-00		18.560	CR
500.	10	.75 @ 70	Linear	Cermet	1	20	311-1060-00		4.980	CR
500.	20	.75 @ 25	Linear	Cermet	4B	20	311-1168-00			OB
500.	10	.75 @ 25	Linear	Cermet	4B	17.5	311-1177-00		.470	CS
500.	10	.5 @ 70	Linear	Cermet	5	20	311-1307-00		.830	CR
500.	20	.5 @ 70	Linear	Cermet	4A	15	311-1389-00			OB
500.	10	.75 @ 70	Linear	Cermet	4A	15	311-1489-00		.470	CR
500.	10	.5 @ 70	Linear	Cermet	6	20	311-2413-00		.700	CR
1. k	10	.5 @ 70	Linear	Wirewound	1	25	311-0409-00		5.000	CS
1. k	5	.75 @ 85	Linear	Wirewound	1	11	311-0509-00			OB
1. k	10	.75 @ 70	Linear	Cermet	4A	17.5	311-1340-00		.519	CR
1. k	10	.5 @ 70	Linear	Cermet	6	20	311-1861-00		.650	CR
1. k	10	.5 @ 70	Linear	Cermet	5	20	311-1944-00		.590	CR
1. k	20	.19 @ 70	Linear	non Wirewound	8		311-1625-00			NP
1. k	20	.19 @ 70	Linear	non Wirewound	8		311-1625-01		3.350	CS
1. k	10	.25 @ 70	Linear	Cermet	5	12	311-2390-00		1.620	CR
2. k	20	.75 @ 70	Linear	non Wirewound	2	22	311-0669-00			OB
2. k	10	.75 @ 70	Linear	Cermet	4A	15	311-1754-00		.519	CR
2. k	10	.5 @ 70	Linear	Cermet	5	22	311-1895-00		.830	CR
2. k	10	.25	Linear	Cermet		12	311-2438-00		1.620	PP
2.2 k	20	.19 @ 70	Linear	non Wirewound	8	10	311-2176-00			NP
2.2 k	20	.19 @ 70	Linear	non Wirewound	8	10	311-2176-01			DL
5. k	20	.75 @ 70	Linear	non Wirewound	2	22	311-0650-00			OB
5. k	10	.75 @ 70	Linear	Cermet	4A	17.5	311-1339-00		.519	CR
5. k	10	.75 @ 70	Linear	Cermet	4A	17.5	311-1548-00		1.820	CR
5. k	10	.75 @ 25	Linear	Cermet	7	20	311-1894-00		2.560	CR
5. k	10	.5 @ 70	Linear	Cermet	5	20	311-1896-00		.830	CR
5. k	10	.5 @ 70	Linear	Cermet	6	20	311-2416-00		.700	PP
10. k	10	.5 @ 70	Linear	Wirewound	1	25	311-0204-00			OB
10. k	10	.5 @ 70	Linear	Cermet	4A	15	311-1319-00		.530	CR
10. k	10	.75 @ 70	Linear	Cermet	4A	17.5	311-1750-00		2.000	CR
10. k	10	.5 @ 70	Linear	Cermet	6	20	311-1860-00		.830	CR
10. k	10	.5 @ 70	Linear	Cermet	5	20	311-1943-00		.830	CR
10. k	10	.5 @ 70	Linear	Metal Foil	4A	20	311-2168-00	U	2.130	CR
20. k	10	.75 @ 70	Linear	Cermet	4A	17.5	311-1338-00		.519	CR
20. k	10	.5 @ 70	Linear	Cermet	5	20	311-1879-00		.830	CR
20. k	10	.5 @ 70	Linear	non Wirewound	6	21.5	311-2129-00		.830	CR
25. k	10	.75 @ 70	Linear	Cermet	1	20	311-0550-00		.470	CS

^a See the Resistor & Capacitor Section in Supplement Catalog (#7).^b The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.^c Safety controlled.

TRIMMERS (MULTITURN) (cont)

Resistance Ω	Tolerance %	Wattage W @ °C	Taper ^a	Element Type	Figure	Number of Turns (Nominal)	Part Number	Codes ^b		
								ND	Cost	ST
25. k	10	.5 @ 70	Linear	Cermet	4A	17.5	311-1337-00		.470	CR
25. k	10	.5 @ 70	Linear	Cermet	5	20	311-1897-00		.830	CR
50. k	20	.25 @ 50	Linear	Cermet	1		311-0556-00			OB
50. k	20	.75 @ 70	Linear	non Wirewound		15	311-1610-00		1.500	CR
50. k	10	.5 @ 70	Linear	Cermet	6	20	311-1935-00		.933	CR
100. k	20	1. @ 85	Linear	non Wirewound	1	22	311-0591-00		2.500	OT
100. k	10	.5 @ 70	Linear	non Wirewound	6	20	311-2130-00	U	1.130	CR
100. k	10	.75 @ 70	Linear	Cermet	4A	17.5	311-1336-00		.519	CR
200. k	10	.5 @ 70	Linear	Cermet	6	20	311-1857-00	U	.590	CR
200. k	10	.5 @ 70	Linear	Cermet	5	20	311-1945-00	U	.830	CR
1. M	20	.5 @ 70	Linear	Cermet	4B	15	311-1108-00		.630	CS
2. M	10	.5 @ 70	Linear	Cermet	4A	15	311-1396-00		.450	CR

^a See the Resistor & Capacitor Section in Supplement Catalog (#7).^b The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

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CATALOG WRITER: SANDRA PHILLIPS, 629-3030.

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311-2322-00	6-3	311-5033-00	7-3
311-2323-00	6-7	311-5034-00	7-4
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311-2326-00	6-9	311-5037-00	7-2
311-2327-00	6-9	311-5038-00	7-6
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In the Resistor Capacitor Section of the Supplement Catalog 7, you will find the following information:

- Application Notes
- Identification Marking Codes
- Temperature Characteristics
- Typical Voltage Characteristics
- Cleaning Guidelines
- Performance Curves

CATALOG WRITER: SANDRA PHILLIPS, 629-3030

HIGH VOLTAGE CERAMIC DISC, PLATE AND SLUG



FIGURE 1



FIGURE 2



FIGURE 3



FIGURE 4

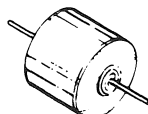


FIGURE 5

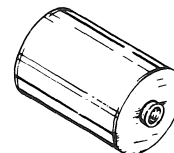


FIGURE 6

Capacitance	Volts (kV)	Tolerance (± %)	Temperature Char/Coef	Maximum Diameter (Inch)	Nominal Lead Spacing (Inch)	Fig.	Thick	Other	MI ^a	Part Number	Codes ^b		
											ND	Cost	ST
2.2 pF	2.	.25pF	COK	.290	.250	2	.187			283-0363-00		.048	CR
6.5 pF	2.	.5 pF	COH	.390 x .360	.250	2	.187			283-0342-00		.150	CR
16.8 pF	2.	5.	COH	.50		4	.156			283-0435-00		.970	CR
17. pF	4.	1.	COH	.350		4	.156			283-0435-01	A	1.900	CR
25. pF	4.	10.	NPO	.593	.375	2	.218			283-0199-00		.120	CR
25. pF	6.	10.	NPO	.700	.487	2	.265			283-0427-00		.450	CR
25. pF	6.	10.	NPO	1.010	.691	2	.265			283-0291-00		.226	CR
100. pF	15.	20.	Y5P	.394	.500	2	.330			283-0835-00		.167	CR
270. pF	2.	20.	Z5U	.590	.375	2	.260			283-0429-00		.151	CR
500. pF	10.	-20 +80	Z5U	.733 x .813		5				281-0556-00		.816	OT
500. pF	20.	-20 +80	Z5U	.984 x 1.030		6				283-0096-00		4.380	CS
500. pF	30.	-20 +80	Z5U	1.375 x 1.375		6				283-0037-00		4.230	CS
1000. pF	3.	20.	Y5S	.500	.516	2	.190			283-0279-00		.075	CR
1000. pF	3.	20.	Y5S	.500		4	.219			283-0044-00		.397	CR
1000. pF	4.	20.	Y5S	.800	.750	2	.218			283-0271-00		.139	CR
1000. pF	4.	-20 +80	Y5S	.500		4	.200	Wax Free Coating		283-0327-00		.507	CR
1000. pF	4.	-20 +80	Z5U	.750		4	.200			283-0402-00		.480	CR
1000. pF	5.	20.	Y5S	.750	.550	2	.280			283-0021-00		.175	CR
1000. pF	6.	-20 +80	Z5U	.750		4	.280			283-0033-00		.640	OT
1000. pF	6.	-20 +80	Z5&	.750		4	.280			283-0033-02			DL
1000. pF	6.	20.	X5T	.750	.550	2	.280			283-0188-00		.147	CR
1000. pF	10.	10.	X5T	.875	.750	2	.300			283-0264-00		1.330	CS
1000. pF	10.	-20 +80	X5R	.875		4	.400			283-0345-00		.450	CS
1000. pF	10.	-20 +80	X5T	.875	.748	2	.300			283-0300-00 ^c		.457	CR
1000. pF	12.	20.	Z5U	.710	.620	2	.360			283-0368-00		.398	CR
1000. pF	12.	20.	Z5U	.710	.620	2	.320			283-0375-00		.268	CR
1000. pF	15.	20.	Y5P	.830 x .790	.500	2	.330			283-0888-00		.841	CR
2200. pF	2.	10.	Y5S	.600	.375	2	.187			283-0280-00 ^c		.077	CR
2200. pF	3.	20.	Y5R	.750	.375	2	.187			283-0263-00		.150	CR
2500. pF	6.	-0 +100	Z5U	1.000		4	.340			283-0036-00		.691	CR
4700. pF	6.	-20 +80	Y5S	1.375 x .960		1	.315			283-0101-00		.900	CS
4700. pF	8.	-20 +80	Y5S	1.375 x .960		1	.315			283-0477-00		1.150	CS
5000. pF	3.	20.	Z5U	.700	.375	2	.200			283-0351-00		.129	CR
5000. pF	4.	20.	Z5V	.750	.498	2	.250			283-0034-00		.360	CR
6800. pF	3.	-0 +100	Z5U	.950		4	.219			283-0043-00		.498	CR
6800. pF	4.	-20 +80	Y5S	1.375 x 1.125	1.250	3	.250			283-0270-00		.561	CR
6800. pF	4.	20.	Y5S	1.100	.750	2	.218			283-0272-00		.930	CR
6800. pF	5.	-20 +80	Y5S	1.375 x .937		1	.295			283-0071-00		1.000	CR
.01 μF	2.	-20 +80	Y5S	.875	.375	2	.135			283-0105-00		.152	CR
.01 μF	2.	20.	Z5U	.800	.375	2	.187			283-0343-00		.170	CR
.01 μF	2.	-20 +80	Z5U	.937		4	.203			283-0011-00		.590	CR
.01 μF	4.	-20 +80	Y5S	1.670 x 1.085		1	.250			283-0082-00		.890	CR
.01 μF	4.	20.	Z5U	1.100	.487	2	.275			283-0261-00		.561	CR
.01 μF	4.	20.	Z5U	1.100	.487	2	.220			283-0404-00		.585	CR
.01 μF	5.	-20 +80	Y5S	1.656 x 1.062		1	.295			283-0162-00		.960	CR
.015 μF	2.5	-20 +80	Y5S	1.370 x .937		1	.250			283-0120-00		.950	CR
.015 μF	2.5	-20 +80	Z5U	.970		4	.312			283-0030-00			OB
.015 μF	3.	-20 +80	Y5S	1.625 x 1.031		1	.250			283-0042-00			OB
.02 μF	2.	-20 +80	GP7	.885	.375	4	.187			283-0933-00		4.430	PP
.02 μF	3.	-20 +80	Z5U	.970	.375	2	.290			283-0430-00		.293	CR
.02 μF	3.	-20 +80	Z5U	.970	.375	2	.187			283-0430-01		2.732	CR

^a Machine Insertable parts are indicated with "Y."^b The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.^c Safety controlled.

There are often substantial size variations between different manufacturers of the same value capacitor. Care should be taken to leave room for the maximum size part indicated on the current Tektronix specification.

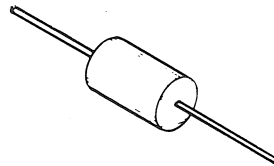


FIGURE 1

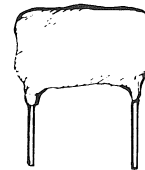


FIGURE 2

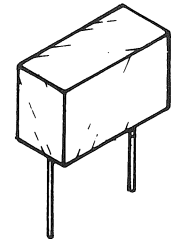


FIGURE 3

Capacitance	Volts (kV)	Tolerance (± %)	Maximum Body Diameter (Inch)	Maximum Body Length (Inch)	Dissipation Factor % @ 25°C	Other	Fig.	Part Number	Codes ^a		
									ND	Cost	ST
1000. pF	6.	10.	.320	1.632	1.	Metalized Polyester	1	285-1154-00		.500	CR
1000. pF	8.	10.	.360	2.100	1.	Metalized Polyester	1	285-1136-00		.730	CS
1000. pF	10.	20.	.650	1.850	1.	Paper & Mylar	1	285-1157-00		2.520	CR
1200. pF	4.	10.	.300	1.200	1.	Metalized Polyester Film	1	285-1040-00		.420	CR
4700. pF	6.	20.	.430	1.570	1.	Metalized Polyester Film	1	285-0507-01		.590	CR
4700. pF	8.	10.	.543	2.000	1.	Metalized Mylar	1	285-1137-00 ^b		.650	CR
4700. pF	10.	20.	.540	2.375	1.	Metalized Polyester Film	1	285-1141-00 ^b		1.100	CS
5000. pF	2.	5.	.530	1.700	.1	Metalized Polypropylene	2	285-0931-00		.390	CR
6800. pF	5.	20.	.500	1.570	1.	Metalized Polyester Film	1	285-0509-01		.510	CR
7500. pF	2.75	5.	1.000	1.910	.1	Polypropylene & Foil w/Term.	1	285-1151-00			DL
.01 μF	2	5.	.500	1.230	.0003	Polypropylene	3	285-1328-00		.620	CR
.01 μF	3	20.	.400	1.400	1.	Metalized Polyester Film	1	285-1255-00		.530	CR
.01 μF	4.	20.	.500	1.253	1.	Metalized Polyester Film	1	285-1184-00		.390	CR
.01 μF	4.	20.	.500	1.253	1.	Metalized Polyester Film	1	285-1184-01		.530	CR
.01 μF	5.	20.	.770	1.550	1.	Paper & Mylar	1	285-1159-00		2.630	CR
.01 μF	8.	10.	.660	2.002	1.	Metalized Mylar	1	285-1138-00 ^b		1.000	CR
.01 μF	10.	20.	.740	2.375	1.	Metalized Polyester Film	1	285-1140-00		1.100	CS
.015 μF	10.	20.	1.230	3.550	1.	Paper & Mylar	1	285-1158-00		4.280	CR
.022 μF	8.	10.	.940	2.000	1.	Metalized Polyester Film	1	285-1202-00		1.736	CS
.033 μF	6.	10.	.800	2.562	1.	Metalized Polyester Film	1	285-1193-00	A	1.640	CR
.2 μF	2.	20.	.890	1.820	1.	Metalized Polyester Film	1	285-1036-00		.930	CR

^a The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

^b Safety controlled.

SECTION 10

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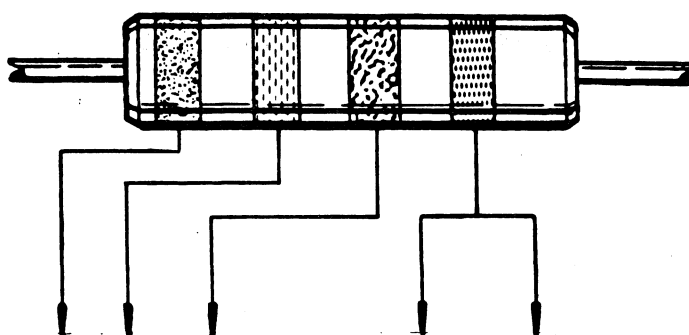
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In the Resistor Capacitor Section of the Supplement Catalog 7, you will find the following information:

- Application Notes
- Identification Marking Codes
- Temperature Characteristics
- Typical Voltage Characteristics
- Cleaning Guidelines
- Performance Curves

CATALOG WRITER: SANDRA PHILLIPS, 629-3030.

CERAMIC CYLINDRICAL, AXIAL LEADS



Nominal Capacitance				Tolerance		
1st Sig Fig	2nd Sig Fig	Multiplier	Color	Nominal 10 pF or Less	Nominal Over 10 pF	Color
0	0	1	Black	± 2 pF	$\pm 20\%$	Black
1	1	10	Brown	± 1 pF	$\pm 1\%$	Brown
2	2	100	Red		$\pm 2\%$	Red
3	3	1000	Orange		$\pm 3\%$	Orange
4	4	10,000	Yellow		+100 -0%	Yellow
5	5		Green	$\pm .5$ pF	$\pm 5\%$	Green
6	6		Blue			Blue
7	7		Violet			Violet
8	8		Gray	$\pm .25$ pF	+80 -20%	Gray
9	9	.1	White	± 1 pF	$\pm 10\%$	White

Capacitance (pF)	Volts	Tolerance (\pm %)	Temperature Characteristics Coefficient	Maximum Body Diameter (Inch)	Maximum Body Length (Inch)	MI ^a	Part Number	Codes ^b		
								ND	Cost	ST
.68	500	20.	X5C	.170	.187	Y	281-0537-00		.025	CR
1.	500	20.	X5C	.170	.220	Y	281-0538-00	U	.131	CR
1.5	100	.25 pF	COK	.100	.170	Y	281-0940-00	U	.420	CR
1.8	50	.1 pF	COK	.185	.450	Y	281-0755-00		.230	CR
2.2	200	.5 pF	COJ	.100	.260	Y	281-0756-00	A	.185	CR
2.2	50	.5 pF	COG	.185	.450	Y	281-0873-00		.145	CR
3.9	100	.5 pF	COG	.100	.200	Y	281-0903-00		.185	CR
4.7	100	.5 pF	COG	.100	.170	Y	281-0893-00		.185	CR
5.6	100	.5 pF	COH	.100	.170	Y	281-0810-00		.185	CR
5.6	500	.5 pF	COG	.185	.450	Y	281-0876-00		.185	CR
6.8	100	.5 pF	COG	.100	.200	Y	281-0895-00		.185	CR
7.	100	2. pF	COH	.100	.170	Y	281-0808-00	U	.185	CR
7.	500	.25 pF	S2H	.280	.550		281-0502-00			OB
7.5	500	.5 pF	COG	.100	.260	Y	281-0898-00		.185	CR
10.	100	1.	COG	.100	.170	Y	281-0757-00	A	.033	CR
10.	100	10.	NPO	.100	.190	Y	281-0811-00		.039	CR
10.	500	5.	COG	.185	.450	Y	281-0874-00		.250	CR
12.	50	10.	COG	.100	.260	Y	281-0911-00	A	.042	CR
12.	100	10.	COG	.100	.190	Y	281-0904-00		.036	CR
15.	100	20.	COG	.100	.190	Y	281-0758-00		.033	CR
15.	200	10.	COG	.100	.190	Y	281-0797-00 ^c	U	.036	CR
15.	500	5.	NPO	.185	.450	Y	281-0787-00		.110	CR
20.	500	2.	COG	.185	.450	Y	281-0938-00		.033	CR
22.	100	10.	Y5P	.100	.190	Y	281-0759-00		.036	CR
22.	500	10.	COG	.185	.450	Y	281-0760-00	A	.336	CR

^a Machine insertable parts are indicated with "Y".

^b The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

^c Safety controlled.

CERAMIC CYLINDRICAL, AXIAL LEADS (cont)

Capacitance (pF)	Volts	Tolerance (± %)	Temperature Characteristics Coefficient	Maximum Body Diameter (Inch)	Maximum Body Length (Inch)	MI ^a	Part Number ^c	Codes ^b		
								ND	Cost	ST
22.	500	5.	COG	.185	.450	Y	281-0760-01		.630	CR
24.	100	5.	COG	.100	.170	Y	281-0934-00		.105	CR
27.	100	5.	COG	.185	.450	Y	281-0761-00		.045	CR
27.	100	20.	X5P	.100	.190	Y	281-0762-00	A	.036	CR
28.	500	2.	COG	.100	.260	Y	281-0896-00		.300	CR
33.	50	5.	COG	.100	.170	Y	281-0819-00	A	.070	CR
39.	100	5.	COG	.100	.170	Y	281-0936-00		.098	CR
43.	50	5.	NPO	.100	.170	Y	281-0933-00		.087	CR
47.	100	10.	X5P	.100	.190	Y	281-0763-00	A	.036	CR
51.	100	2.	COG	.100	.170	Y	281-0798-00	U	.145	CR
51.	100	5.	COG	.100	.190	Y	281-0777-00		.045	CR
62.	100	2.	COG	.100	.260	Y	281-0799-00	U	.145	CR
68.	100	5.	COG	.100	.170	Y	281-0939-00		.045	DL
68.	100	10.	X5P	.100	.190	Y	281-0785-00		.036	CR
82.	100	5.	NPO	.100	.190	Y	281-0764-00		.047	CR
82.	100	5.	COG	.100	.200	Y	281-0816-00	A	.044	CR
82.	100	10.	X7R	.100	.190	Y	281-0792-00		.059	CR
91.	100	5.	COG	.100	.200	Y	281-0872-00	U	.070	CR
100.	100	5.	NPO	.100	.190	Y	281-0765-00	A	.045	CR
100.	100	5.	NPO	.100	.170	Y	281-0814-01		.055	CR
100.	100	10.	COG	.100	.190	Y	281-0814-00	A	.031	CR
100.	200	20.	X5P	.100	.260	Y	281-0766-00	A	.065	CR
120.	100	5.	COG	.100	.190	Y	281-0776-00		.045	CR
150.	100	10.	X5P	.100	.190	Y	281-0786-00	A	.042	CR
150.	100	5.	COG	.100	.170	Y	281-0928-00		.045	CR
180.	100	5.	COG	.100	.200	Y	281-0851-00		.045	CR
200.	100	5.	COG	.100	.190	Y	281-0809-00		.105	CR
240.	100	5.	COG	.100	.190	Y	281-0863-00		.047	CR
270.	50	5.	COG	.100	.200	Y	281-0861-00		.055	CR
270.	100	10.	X5T	.100	.170	Y	281-0791-00	A	.035	CR
330.	100	20.	X7R	.100	.190	Y	281-0767-00	A	.065	CR
430.	100	5.	COG	.100	.200	Y	281-0864-00		.105	CR
470.	50	10.	COG	.110	.190	Y	281-0823-00		.050	CR
470.	100	10.	X7R	.100	.190	Y	281-0788-00		.038	CR
470.	100	20.	X5P	.100	.190	Y	281-0768-00		.042	CR
680.	100	10.	COG	.100	.170	Y	281-0268-00		.075	PP
680.	50	10.	NPO	.100	.170	Y	281-0274-00		.298	CR
680.	50	10.	X7R	.100	.190	Y	281-0820-00	U	.035	CR
820.	50	5.	COG	.100	.260	Y	281-0850-00		.041	CR
840.	100	10.	X5P or X7R	.100	.190	Y	281-0769-00	U	.090	CS
1000.	100	20.	X7R	.100	.200	Y	281-0862-00		.060	CR
1000.	100	5.	COG	.100	.260	Y	281-0865-00		.110	CR
1000.	100	10.	X7R	.100	.190	Y	281-0812-00	A	.035	CR
1000.	100	20.	X5R	.100	.190	Y	281-0770-00	A	.040	CR
1800.	50	1.	COG	.100	.265	Y	281-0910-00		.300	CR
1800.	100	10.	X7R	.100	.200	Y	281-0852-00		.038	CR
2200.	100	1.	X7R	.100	.200	Y	281-0826-00	A	.038	CR
2200.	200	20.	Z5U	.185	.260	Y	281-0771-00	A	.035	CR
4700.	100	10.	X7R	.100	.260	Y	281-0772-00	A	.035	CR
5600.	50	10.	X7R	.100	.170	Y	281-0273-00		.100	CR
6800.	50	10.	X7R	.100	.170	Y	281-0935-00			DL
.01 μF	100	10.	X7R	.100	.260	Y	281-0773-00 ^c	A	.047	CR
.015 μF	200	10.	X7R	.110	.260	Y	281-0707-00		.140	CR
.015 μF	100	20.	X7R	.110	.260	Y	281-0707-01		.060	CR
.022 μF	50	20.	X7R	.100	.170	Y	281-0909-00		.036	CR

^a Machine insertable parts are indicated with "Y".^b The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.^c Safety controlled.

CAPACITOR, FIXED

CERAMIC CYLINDRICAL, AXIAL LEADS (cont)

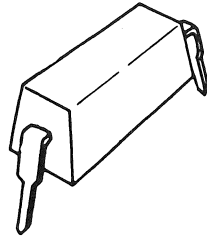
Capacitance (pF)	Volts	Tolerance (± %)	Temperature Characteristics Coefficient	Maximum Body Diameter (Inch)	Maximum Body Length (Inch)	MI ^a	Part Number	Codes ^b		
								ND	Cost	ST
.022 μ F	100	20.	Z5U	.100	.260	Y	281-0774-00		.075	CR
.027 μ F	50	20.	X7R	.100	.260	Y	281-0815-00		.044	CR
.047 μ F	50	20.	Z5U	.100	.260	Y	281-0813-00		.036	CR
.047 μ F	50	-20. +80.	Y5V	.100	.170	Y	281-0944-00		.082	CR
.047 μ F	50	-20. +80.	Z5U	.100	.170	Y	281-0922-00	A	.042	CR
.1 μ F	50	10.	X7R	.150	.275	Y	281-0272-00 ^c		.262	CS
.1 μ F	50	20.	Z5U	.100	.260	Y	281-0775-00	A	.033	CR
.1 μ F	50	20.	Z5U	.100	.170	Y	281-0775-01		.033	CR
.1 μ F	100	20.	X7R	.155	.462	Y	281-0783-00	A	.082	CR
.1 μ F	50	-20 +80	Z5U	.100	.170	Y	281-0913-00	A	.033	CR
.22 μ F	50	20.	Y5V	.150	.275	Y	281-0925-00		.078	CR
.22 μ F	50	20.	Z5U	.150	.170	Y	281-0925-01		.056	CR
.47 μ F	50	20.	Z5U	.155	.462	Y	281-0563-00	U	.150	CR

^a Machine insertable parts are indicated with "Y".

^b The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

^c Safety controlled.

DIP STYLES



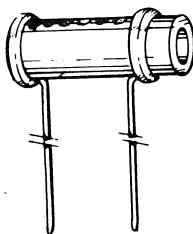
.300 INCH MINIMUM LEAD SPACING

Capacitance (μ F)	Volts	Tolerance (\pm %)	Temperature Characteristics Coefficient	Maximum Body Diameter (Inch)	Maximum Body Length (Inch)	MI ^a	Part Number	Codes ^b		
								ND	Cost	ST
.001	50	20.	X7R	.135 x .100	.310	Y	283-0492-00		.058	CR
.010	100	20.	X7R	.135 x .100	.310	Y	283-0811-00		.045	CR
.047	50	-20. +80.	Z5U	.135 x .100	.310	Y	283-0422-00	U	.068	CR
.100	50	20.	X7R	.135 x .100	.310	Y	283-0421-00	U	.079	CR
.220	50	-20. +80.	Z5U	.135 x .100	.310	Y	283-0423-00	U	.068	CR
.470	25	-20. +80.	Z5U	.162 x .100	.310	Y	283-0479-00		.098	CR

^a Machine insertable parts are indicated with "Y".^b The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

CERAMIC TUBULAR, PARALLEL LEADS

These capacitors are not recommended for new design. Though the "DOG BONE" caps have a higher voltage rating for their size, availability problems far outweigh this advantage.



Capacitance (pF)	Volts	Tolerance (± %)	Temperature Characteristics Coefficient	Maximum Body Diameter (Inch)	Maximum Body Length (Inch)	Lead Spacing (Inch)	Maximum Lead Diameter	MI ^a	Part Number	Codes ^b	
										Cost	ST
.8	500	.1 pF	COK	.200	.400	.250	.028	Y	281-0661-00	.400	CR
.8	500	.1 pF	COK	.200	.400	.250	.028		281-0661-01	.190	CR
1.	500	.1 pF	COK	.140	.320	.250	.028		281-0609-00	.510	CR
1.	500	.25 pF	COK	.140	.320	.250	.028		281-0599-00	.420	CR
1.	500	.25 pF	COK	.200	.400	.250	.028		281-0627-00	.400	CR
1.2	200	.1 pF	COK	.140	.320	.250	.028	Y	281-0619-00	.506	CR
1.5	500	.25 pF	COK	.200	.400	.250	.028		281-0529-00	.170	CR
1.5	500	.25 pF	COK	.200	.400	.250	.028		281-0529-01		DL
1.5	500	.5 pF	S2K	.200	.400	.250	.028		281-0526-00	.190	CR
1.8	500	.1 pF	COK	.125	.320	.250	.028		281-0670-00	.455	CR
1.8	500	.1 pF	COK	.200	.400	.250	.028	Y	281-0557-00	.190	CR
2.2	200	.1 pF	COJ	.140	.320	.250	.028		281-0610-00	.460	CR
2.2	500	.25 pF	COJ	.200	.400	.250	.028		281-0604-00	.200	CR
2.2	500	.5 pF	COJ	.200	.400	.250	.028		281-0500-00	.150	CR
2.2	500	.5 pF	COJ	.200	.400	.250	.023		281-0500-01	.160	CR
2.7	200	.25 pF	COJ	.140	.320	.250	.028	Y	281-0611-00	.320	CR
2.7	500	.25 pF	COJ	.200	.400	.250	.028		281-0547-00	.190	CR
2.7	500	.25 pF	COJ	.200	.400	.200	.023		281-0547-01	.190	CR
3.3	200	.1 pF	COJ	.140	.320	.250	.028		281-0653-00	.225	CR
3.3	500	.1 pF	COJ	.200	.400	.250	.028		281-0626-00	.150	CR
3.3	500	.25 pF	COJ	.200	.400	.250	.028	Y	281-0534-00	.120	CR
3.3	500	.1 pF	S3B	.140	.320	.250	.028		281-0700-00	.400	CR
3.9	200	.5 pF	COJ	.140	.320	.250	.028		281-0615-00	.250	CR
3.9	500	.25 pF	COJ	.200	.400	.250	.028		281-0593-00	.190	CR
4.3	500	.25 pF	COH	.200	.400	.250	.028		281-0659-00	.170	CR
4.7	200	.5 pF	COH	.140	.320	.250	.028	Y	281-0618-00	.250	CR
4.7	500	.5 pF	COH	.200	.400	.250	.028		281-0592-00	.120	CR
4.7	500	.5 pF	COH	.200	.400	.250	.028		281-0592-01		DL
4.7	500	.1 pF	S2H	.200	.400	.250	.028		281-0501-00	.170	CR
5.6	200	.5 pF	COH	.125	.354	.250	.028		281-0612-00	.250	CR
5.6	500	.5 pF	COH	.200	.400	.250	.028	Y	281-0544-00	.170	CR
6.2	500	.25 pF	COH	.200	.400	.250	.028		281-0658-00	.150	CR
6.8	200	.5 pF	COH	.125	.354	.250	.028		281-0616-00	.280	CR
6.8	500	.5 pF	COH	.200	.400	.250	.028		281-0541-00	.190	CR
6.8	500	.5 pF	COH	.200	.400	.250	.028		281-0572-00	.190	CR
7.	500	.1 pF	COH	.140	.354	.250	.028	Y	281-0709-00	.760	CR
7.5	500	.1 pF	COH	.140	.354	.250	.028		281-0722-00	.440	CR
7.5	500	.5 pF	COH	.200	.400	.250	.028		281-0601-00	.190	CR
7.8	500	.1 pF	COH	.125	.320	.250	.028		281-0717-00	.660	OT
8.	500	.5 pF	COH	.200	.400	.250	.028		281-0503-00	.140	CR

^a Machine insertable parts are indicated with "Y".

^b The nominal price (at time of printing) is listed in the cost column. For Status Codes, see tab marked CODES in the back of this catalog.

CERAMIC TUBULAR, PARALLEL LEADS (cont)

Capacitance (pF)	Volts	Tolerance (± %)	Temperature Characteristics Coefficient	Maximum Body Diameter (Inch)	Maximum Body Length (Inch)	Lead Spacing (Inch)	Maximum Lead Diameter	MI ^a	Part Number	Codes ^b	
										Cost	ST
8.	500	.5 pF	COH	.200	.400	.250	.028	Y	281-0503-01	.220	CR
8.2	500	.25 pF	COH	.140	.354	.250	.028		281-0645-00	.580	CR
9.	500	.1 pF	COH	.140	.354	.250	.028		281-0789-00	.360	CR
9.3	500	.1 pF	COH	.125	.354	.250	.028		281-0795-00	.400	CR
9.7	500	.1 pF	COH	.125	.354	.250	.013		281-0655-00	.440	CR
10.	200	1. pF	COG	.140	.320	.250	.028		281-0613-00	.360	CR
10.	500	.25 pF	COG	.140	.354	.250	.028		281-0634-00	.460	CR
10.	500	.5 pF	H3M	.200	.433	.250	.028		281-0662-00	.140	CR
10.	500	1. pF	COG	.200	.400	.250	.028		281-0504-00	.114	CR
10.4	500	1.	COG	.140	.354	.250	.028		281-0663-00	.700	CR
10.7	500	1.	COG	.140	.320	.250	.013		281-0715-00	.705	CR
10.8	500	1.	COG	.200	.400	.250	.028		281-0730-00	.560	CR
11.	500	5.	COG	.200	.400	.250	.028		281-0576-00	.170	CR
11.	500	5.	COG	.200	.400	.200	.023	Y	281-0576-01	.180	CR
11.	500	10.	COG	.200	.400	.250	.028		281-0573-00	.320	CR
11.4	500	1.	COG	.125	.354	.250	.013		281-0672-00	.700	CR
12.	500	1.	COG	.200	.400	.250	.028		281-0621-00	.280	CR
12.	500	5.	COG	.200	.400	.250	.028		281-0508-00	.238	CR
12.	500	10.	COG	.200	.400	.250	.028		281-0505-00	.180	CR
12.	500	10.	COG	.200	.400	.250	.028		281-0506-00	.320	CR
12.1	500	1.	COG	.125	.354	.250	.028		281-0794-00	.920	CR
12.8	500	1.	COG	.140	.354	.250	.013		281-0727-00	.820	CR
13.	500	2.	COG	.140	.320	.250	.013		281-0657-00	.630	CR
13.8	500	1.	COG	.125	.354	.250	.028		281-0716-00	.690	CR
14.	500	5.	COG	.200	.400	.250	.028		281-0577-00	.140	CR
14.7	500	1.	COG	.125	.354	.250	.028		281-0805-00	.410	CR
15.	200	10.	COG	.140	.354	.250	.028		281-0617-00	.240	CR
15.	500	5.	COG	.200	.400	.250	.028		281-0628-00	.170	CR
15.	500	10.	COG	.200	.400	.250	.028		281-0509-00	.130	CR
15.8	500	1.	COG	.140	.354	.250	.028		281-0718-00	.920	CR
18.	200	2.	COG	.140	.320	.250	.013		281-0650-01		NP
18.	200	10.	COG	.140	.320	.250	.013		281-0650-00	.360	CR
18.	500	5.	COG	.200	.400	.250	.028		281-0578-00	.110	CR
18.	500	5.	COG	.200	.400	.250	.023	Y	281-0578-01	.180	CR
18.	500	5.	N470	.200	.400	.250	.028		281-0739-00	.340	CS
18.	500	10.	COG	.200	.400	.250	.028		281-0542-00	.180	CR
18.	500	10.	COG	.200	.400	.250	.028		281-0558-00	.160	CR
21.	500	1.	COG	.200	.400	.250	.028		281-0620-00	.280	CR
21.	500	5.	COG	.200	.400	.250	.028		281-0579-00	.140	CR
22.	500	5.	COG	.125	.354	.250	.028		281-0656-00	.380	CR
22.	500	10.	COG	.200	.400	.250	.028		281-0511-00	.130	CR
22.	500	10.	COG	.200	.400	.250	.023	Y	281-0511-02	.170	CR
22.	500	10.	COG	.200	.400	.250	.028		281-0510-00	.130	CR
24.	500	5.	COG	.200	.400	.250	.028		281-0564-00	.190	CR
24.	500	5.	COG	.200	.400	.200	.023	Y	281-0564-02	.240	CR
24.	1000	5.	COG	.200	.400	.250	.028		281-0564-01	.190	CR
25.	500	5.	P2G	.200	.400	.250	.028		281-0552-00	.190	CR
25.	500	5.	COG	.200	.656	.250	.028		281-0586-00	1.080	CR
27.	500	5.	COG	.200	.656	.375	.028		281-0515-00	.170	CR
27.	500	10.	COG	.230	.460	.250	.028		281-0512-00	.130	CR
27.	1000	10.	COG	.230	.460	.250	.028		281-0512-02	.180	CR
27.	500	20.	P2G	.200	.400	.250	.028		281-0513-00	.120	CR
33.	500	5.	COG	.230	.460	.250	.028		281-0629-00	.190	CR
33.	500	10.	T3D	.200	.433	.250	.028		281-0782-00	.160	CR
35.	500	1.	COG	.230	.460	.250	.028		281-0632-00	.560	CR


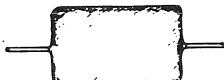




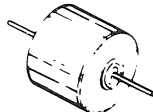
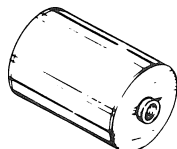
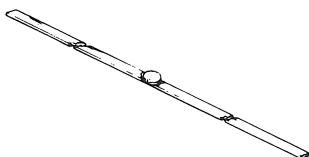
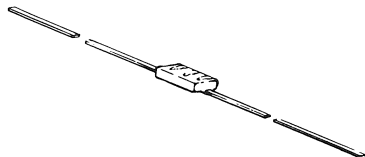
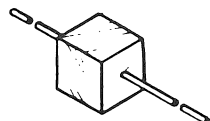
^a Machine insertable parts are indicated with "Y".^b The nominal price (at time of printing) is listed in the cost column. For Status Codes, see tab marked CODES in the back of this catalog.

CERAMIC TUBULAR, PARALLEL LEADS (cont)

Capacitance (pF)	Volts	Tolerance (± %)	Temperature Characteristics Coefficient	Maximum Body Diameter (Inch)	Maximum Body Length (Inch)	Lead Spacing (Inch)	Maximum Lead Diameter	MI ^a	Part Number	Codes ^b	
										Cost	ST
35.	500	5.	COG	.230	.460	.250	.028		281-0625-00	.190	CR
35.	500	10.	COG	.230	.460	.250	.028		281-0600-00	.320	CR
36.	500	1.	R2G	.125	.388	Leadless			281-0746-00	.560	CR
39.	500	1.	COG	.230	.460	.250	.028		281-0575-00	.560	CR
39.	500	5.	COG	.230	.460	.250	.028		281-0603-00	.250	CR
39.	500	10.	U2J	.200	.400	.250	.028		281-0562-00	.180	CR
39.	500	10.	U2J	.200	.400	.250	.028		281-0516-00	.190	CR
39.	500	10.	COG	.230	.460	.250	.028		281-0517-00	.360	CR
47.	500	1.	COG	.230	.460	.250	.028		281-0622-00	.260	CR
47.	200	5.	T2H	.140	.354	.250	.028		281-0651-00	.250	CR
47.	500	10.	COG	.230	.460	.250	.028		281-0519-00	.180	CR
47.	500	20.	U2J	.200	.400	.250	.028		281-0518-00	.660	CR
51.	500	5.	U2J	.200	.400	.250	.028		281-0540-00	.170	CR
56.	500	10.	COG	.200	.656	.375	.028		281-0521-00	.520	OT
68.	500	5.	P2G	.230	.512	.250	.028		281-0602-00	.270	CR
68.	500	10.	U2J	.200	.400	.250	.028		281-0549-00	.130	CR
68.	500	10.	-4700 ± 900	.200	.400	.250	.028		281-0781-00	.090	CS
72.	500	5.	P3K	.200	.400	.250	.028		281-0721-00	.380	CR
82.	500	10.	U2M	.200	.400	.250	.028		281-0528-00	.160	CR
82.	500	10.	S2H	.230	.460	.250	.028		281-0574-00	.260	CR
82.	500	20.	S2L	.230	.460	.250	.028		281-0571-00	.200	CR
88.	500	5.	T2H	.230	.460	.250	.028		281-0646-00	.120	CS
91.	500	5.	Z5D	.200	.400	.250	.028		281-0637-00	.170	CR
100.	500	5.	Y5E	.200	.400	.250	.028		281-0584-00	.190	CR
100.	500	20.	U2M	.200	.400	.250	.028		281-0523-00	.100	CR
100.	500	20.	U2M	.200	.400	.250	.028		281-0523-01		DL
120.	500	4.	U2J	.200	.656	.375	.028		281-0607-00	.340	CR
120.	500	10.	X5P	.200	.400	.250	.028		281-0550-00	.160	CR
150.	500	20.	X5U	.200	.400	.250	.028		281-0524-00	.170	CR
170.	500	5.	Z5D	.200	.400	.250	.028		281-0589-00	.190	CR
198.	500	10.	R3A	.200	.656	.375	.028		281-0560-00	.175	CS
200.	500	10.	Y5D	.200	.400	.250	.028		281-0605-00	.240	CR
240.	500	5.	Z5D or X5P	.200	.400	.250	.028		281-0638-00	.170	CR
270.	500	10.	X5P	.200	.400	.250	.028		281-0543-00	.180	CR
330.	500	10.	X5P	.200	.400	.250	.028		281-0546-00	.120	CR
390.	500	5.	Y5D	.200	.400	.250	.028		281-0630-00	.111	CR
390.	500	5.	Y5D	.200	.400	.250	.023	Y	281-0630-01	.190	CR
390.	500	10.	X5P	.200	.400	.250	.028		281-0551-00	.180	CR
470.	500	10.	Z5D or X5P	.200	.400	.250	.028		281-0580-00	.130	CR
470.	500	10.	Z5D	.200	.400	.250	.028		281-0580-01		DL
470.	500	20.	X5U	.200	.400	.250	.028		281-0525-00	.150	CR
650.	500	5.	Y5D	.200	.400	.250	.028		281-0623-00	.170	CR
910.	500	5.	Y5D	.200	.656	.375	.028		281-0633-00	.340	CS
1000.	500	10.	X5P	.200	.400	.200	.028		281-0536-00	.165	CR
6800.	500	-20. + 80.	Y5U	.200	.656	.375	.028		281-0614-00	.160	CR

^a Machine Insertable parts are indicated with "Y".^b The nominal price (at time of printing) is listed in the cost column. For Status Codes, see tab marked CODES in the back of this catalog.

CERAMIC DISC, PLATE, AND SLUGS

															
FIGURE 1				FIGURE 2				FIGURE 3				FIGURE 4			
															
FIGURE 5				FIGURE 6				FIGURE 7				FIGURE 8			
															
FIGURE 9				FIGURE 10				FIGURE 11							
Capacitance (pF)	Volts	Tol (± %)	Temp. Char/Coef	Maximum Diameter (Inch)	Maximum Thickness (Inch)	Nominal Lead Spacing (Inch)	Figure	Other	MI ^a	Part Number	Codes ^b				
											ND	Cost	ST		
.5	100	.1 pF	COK	.130 Square	.125	.100	5			283-0348-00	U	.250	CR		
.5	100	.25 pF	COK	.150 Square	.125	.100	5		Y	283-0348-01			DL		
1.	50	.1 pF	X7R	.500 Square	.200	.235	5			283-0965-00		.300	CR		
1.	50	.1 pF	NPO	.150 Square	.150	.100	5		Y	283-0158-00		.130	CR		
1.	50	.1 pF	NPO	.150 Square	.100	.100	5			283-0158-01			DL		
1.	500	.1 pF	COK	.235	.062	.200	4			283-0317-00	A	.180	CR		
1.	500	.25 pF		.197 x .150	.098	.098	5			283-0983-00		.150	CR		
1.5	50	.1 pF	COK	.100 Square	.100	.100	5			283-0160-00		.150	CR		
1.8	100	.1 pF	COK	.100 Square	.100	.100	5			283-0181-00		.130	CR		
1.8	500	.25 pF		.197 x .150	.098	.098	5			283-0985-00	A	.150	CR		
2.2	2 k	.25 pF	COK	.290	.187	.250	4			283-0363-00	Y	.300	CR		
2.2	200	.5 pF	COJ	.260 x .200	.125	.200	5			283-0853-00		.140	CR		
2.5	50	.1 pF	COJ	.100 Square	.100	.100	5			283-0185-00		.140	CR		
2.5	200	.5 pF	NPO	.100 Square	.100	.100	11			283-0066-00		.900	CR		
2.5	500	.25 pF		.197 x .150	.098	.098	5			283-0984-00	A	.150	CR		
2.7	50	.25 pF	COJ	.200 x .250	.125	.100	5		Y	283-0898-00	Y	.045	EN		
2.7	500	.25 pF	COK	.290	.156	.200	4			283-0912-00		.054	CR		
3.	50	.5 pF	COJ	.275	.215	.210	4			283-0223-00		.235	CR		
4.7	50	.25 pF	COH	.100 Square	.100	.100	11			283-0140-00		.053	CR		
5.6	200	.25 pF	COH	.150 Square	.100	.100	5			283-0260-00		.035	CR		
5.6	200	.25 pF	COH	.200 Square	.125	.100	5		Y	283-0260-01		.150	CR		
6.5	2 k	.5 pF	COH	.360	.187	.250	4			283-0342-00		.150	CR		
7.	50	.5 pF	COH	.150 Square	.100	.100	5			283-0157-00		.080	CR		
10.	50	.5 pF	COK	.100 Square	.090	.100	11			283-0136-00		.780	CR		
10.	50	.5 pF	Y5R	.055 Square	.030	.100	10			283-0200-00		3.850	CR		

^a Machine insertable parts are indicated with "Y".^b The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

CERAMIC DISC, PLATE, AND SLUGS (cont)

Capacitance (pF)	Volts	Tol (± %)	Temp. Char/Coef	Maximum Diameter (Inch)	Maximum Thickness (Inch)	Nominal Lead Spacing (Inch)	Figure (See Pg. 10-9)	Other	MI ^a	Part Number	Codes ^b		
											ND	Cost	ST
10.	200	.5 pF	COG	.138 x .120	.100	.100	5			283-0175-00		.123	CR
10.	200	.5 pF	COG	.138 x .120	.100	.100	5		Y	283-0175-02			DL
10.	200	5. pF	COG	.200 Square	.125	.100	5		Y	283-0921-00		.196	CR
12.	100	5.	COG	.150 Square	.100	.100	5			283-0168-00		.042	CR
15.	50	5.	NPO	.100 x .150	.150		11			283-0166-00			OB
15.	100	10.	COG	.100	.190		7			283-0069-00		.050	CR
16.6	2 k	5.	COH	.350	.156		3			283-0435-00		2.430	CR
17.	4 k	1.	COH	.350	.156		3			283-0435-01	U		DL
18.	50	5.	COG	.150 Square	.100	.100	5			283-0159-00		.060	CR
18.	50	5.	COG	.217 Square	.122	.100	5		Y	283-0159-02		.093	CR
18.	50	5.	N750	.180	.140	.100	4			283-0838-00	U	.154	CR
22.	50	5.	NPO	.150 Square	.100	.100	5			283-0154-00	A	.063	CR
22.	50	5.	NPO	.150 Square	.100	.100	5		Y	283-0154-01			DL
22.	50	10.	X5R	.055 Square	.030		10			283-0202-00		3.850	CS
25.	4 k	10.	NPO	.690 x .593	.218	.375	4			283-0199-00		.176	CR
25.	6 k	10.	NPO	1.010	.265	.691	4			283-0291-00		.840	CR
25.	6 k	10.	NPO	.700	.265	.487	4			283-0427-00		.450	CS
25.	200	2.	T2H	.235	.156	.200	4			283-0149-00		.300	CR
26.5	1 k	2.	NPO	.400	.156	.250	4			283-0434-00		.090	LS
27.	1 k	5.	NPO	.440	.156	.250	4			283-0109-00		.330	CR
27.	50	5.	COG	.200 Square	.125	.100	5			283-0186-00		.036	CR
27.	200	10.	COG	.300	.156	.250	4			283-0094-00		.074	CR
27.	200	10.	X7R	.138 Square	.100	.100	5			283-0201-00		.364	CR
27.	50	10.	COG	.250 x .200	.125	.100	5		Y	283-0201-01		.180	CR
27.	50	10.	COG	.250 x .200	.125	.100	5			283-0201-02		.180	CS
27.	500	10.	S2L	.290	.156	.250	4			283-0076-00		.033	CR
28.	1 k	1.	NPO	.400	.156	.250	4			283-0431-00		.300	CR
30.	50	10.	NPO	.100 x .200	.206		11			283-0070-00		.550	CR
33.	500	2.	P2G	.360	.156	.250	4			283-0144-00		.293	CR
35.	1 k	5.	NPO	.440	.240	.250	4			283-0333-00		5.000	CR
43.	100	2.	NPO	.344	.156	.250	4			283-0331-00		.083	CR
45.	1 k	5.	NPO	.500	.156	.250	4			283-0340-00		.090	CR
45.	100	2.	NPO	.344	.125	.200	4		Y	283-0331-01		.125	CR
47.	1 k	10.	U2J	.390	.156	.250	4			283-0800-00		.057	CS
47.	200	5.	COG	.360	.156	.250	4			283-0115-00		.150	CR
50.	50	10.	X5R	.070 x .060	.045		10			283-0281-00	X	1.750	CR
51.	100	5.	COG	.300 Square	.150	.200	5		Y	283-0489-00			NP
51.	200	5.	NPO	.200 Square	.125	.100	5			283-0107-00		.411	CR
51.	200	5.	NPO	.200 Square	.125	.100	5		Y	283-0107-01	U	.060	CR
51.	400	5.	NPO	.200 Square	.125	.100	5			283-0182-00		.130	CR
51.	500	5.	COG	.200 Square	.125	.100	5			283-0299-00		.446	CR
56.	200	10.	NPO	.450	.156	.250	4			283-0095-00		.320	CR
56.	500	1.	NPO	.500	.156	.250	4			283-0113-00		.340	CR
68.	100	5.	P3K	.200 Square	.125	.100	5			283-0347-00		.210	CR
68.	100	5.	COG	.160 x .150	.100	.100	5			283-0869-00	U	.150	CR
82.	1 k	5.	P2G	.614	.156	.375	4			283-0089-00		.069	CR
82.	1 k	5.	NPO	.675	.156	.375	4			283-0126-00		.059	CR
84.	1 k	2.	P2G	.687	.156	.375	4			283-0097-00		.158	CS
86.	100	5.	P3K	.200 Square	.125	.100	5			283-0352-00	U	.150	CR
87.	100	5.	NPO	.200 Square	.125	.100	5			283-0251-00		.060	CR
100.	50	5.	COG	.200 Square	.125	.100	5			283-0330-00		.049	CR
100.	50	5.	COG	.217 Square	.125	.100	5		Y	283-0330-02	U	.055	CR
100.	15 k	20.	Y5P	.384	.330	.500	4			283-0835-00			DL
100.	200	5.	U2J	.475	.156	.250	4			283-0060-00		.074	CR
100.	500	5.	T2H	.490	.156	.250	4			283-0128-00		.178	CR

^a Machine insertable parts are indicated with "Y".^b The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

CERAMIC DISC, PLATE, AND SLUGS (cont)

Capacitance (pF)	Volts	Tol (± %)	Temp. Char/Coef	Maximum Diameter (Inch)	Maximum Thickness (Inch)	Nominal Lead Spacing (Inch)	Figure (See Pg. 10-9)	Other	MI ^a	Part Number	Codes ^b		
											ND	Cost	ST
102.	50	1.	NPO	.200 Square	.125	.100	5			283-0472-00	U	.150	CR
105.	500	1.	COG	.675	.125	.375	4			283-0052-00		.662	CR
130.	500	1.	NPO	.750	.156	.375	4			283-0053-00		.170	CS
130.	100	5.	P3K	.200 Square	.125	.100	5			283-0256-00		.087	CR
130.	500	2.	NPO	.200 Square	.125	.100	5			283-0334-00		.120	CR
150.	50	10.	X5F	.120 x .100	.100	.100	5			283-0139-00		.055	CR
150.	200	5.	U2J	.420	.156	.250	4			283-0054-00		.114	CR
160.	50	5.	COG	.300 Square	.100	.200	5			283-0899-00	U	.127	CR
180.	500	5.	Y5E	.300	.156	.250	4			283-0103-00		.069	CR
200.	600	10.	Y5E	.150 x .100	.062		10			283-0141-00		2.630	CR
220.	200	10.	NPO	.200 Square	.125	.100	5			283-0108-00		.055	CR
220.	200	10.	NPO	.200 Square	.125	.100	5		Y	283-0108-02	U	.092	EN
220.	250	10.	Y5P	.394	.320	.252	4			283-0481-00 ^c		.070	CR
220.	500	10.	X5P	.290	.156	.250	4			283-0424-00		.045	CS
220.	200	10.	NPO	.200 Square	.125	.100	5		Y	283-0916-00			NP
270.	50	10.	W5R	.150 Square	.100	.100	5			283-0196-00		.045	CR
270.	50	20.	Z5U	.050 x .060	.030		10			283-0184-00		1.810	CS
270.	500	5.	Z5D	.300	.156	.200	4			283-0047-00		.049	CR
270.	1 k	5.	X5F	.365	.156	.250	4			283-0084-00		.042	CR
270.	1 k	5.	X5F	.365	.156	.200	4		Y	283-0084-02		.052	CR
270.	2 k	20.	Z5U	.590	.260	.375	4			283-0429-00		.151	CR
300.	100	5.	NPO	.200 Square	.125	.100	5			283-0213-00		.086	CR
300.	1 k	10.	X5F	.365	.156	.250	4			283-0087-00		.038	CR
330.	1.5 k	5.	R3L	.620	.240	.375	4			283-0746-00	U	.102	CS
330.	200	5.	S2H	.875	.156	.375	4			283-0143-00			OB
330.	500	5.	X5F	.290	.156	.250	4			283-0077-00		.042	CR
470.	50	5.	COG	.200 Square	.125	.100	5			283-0197-00		.045	CR
470.	50	5.	COG	.200 Square	.125	.200	5		Y	283-0197-02	U	.043	CR
470.	500	5.	Z5E	.290	.156	.250	4			283-0032-00		.055	CR
500.	10 k	-20. +80.	Z5U	.733 x .813			7			281-0556-00		.816	CS
500.	20 k	-20. +80.	Z5U	.984	.965		8			283-0096-00		4.380	CS
500.	30 k	-20. +80.	Z5U	1.375 x 1.375			8			283-0037-00		4.230	CS
510.	100	2.	COG	.200 Square	.125	.100	5			283-0193-00		.089	CR
650.	200	5.	Z5E	.300	.156	.200	4		Y	283-0150-02		.058	CR
650.	200	5.	Z5E	.300	.156	.250	4			283-0150-00		.048	CR
650.	1 k	10.	Y5S	.360	.156	.250	4			283-0425-00		.134	CR
680.	50	5.	NPO	.200 Square	.125	.100	5			283-0195-00		.036	CR
680.	100	2.	NPO	.200 Square	.125	.100	5			283-0398-00		.125	CR
820.	500	5.	Y5D	.380	.156	.250	4			283-0116-00		.079	CR
1000.	50	5.	Z5D	.365	.156	.250	4			283-0065-00		.039	CR
1000.	100	5.	Z5E	.275	.125	.250	4			283-0065-01		.090	CR
1000.	200	10.	Y5F	.375	.156	.250	4			283-0067-00 ^c		.040	CR
1000.	200	10.	NPO	.300 Square	.150	.200	5			283-0359-00		.090	CR
1000.	200	5.	NPO	.300 Square	.150	.200	5			283-0359-01	U	.180	CR
1000.	200	20.	X7R	.200 Square	.150	.100	5		Y	283-0913-00		.136	CR
1000.	500	20.	X5F	.440	.156	.250	4			283-0078-00	U	.071	CR
1000.	500	-0. +100.	Y5U	.290	.156	.250	4			283-0000-00	A	.028	CR
1000.	500	-0. +100.	Y5U	.290	.156	.200	4		Y	283-0000-04		.360	CR
1000.	200	-20. +80.	Z5U	.150 Square	.090	.100	5			283-0156-00		.040	CR
1000.	1 k	20.	Z5U	.290	.156	.250	4			283-0420-00		.270	CR
1000.	3 k	20.	Y5S	.500	.219		3			283-0044-00		.773	CR
1000.	3 k	20.	Y5S	.500	.190	.516	4			283-0279-00		.395	CR
1000.	4 k	20.	Y5S	.800	.218	.750	4			283-0271-00		.437	CR
1000.	4 k	-20. +80.	Z5U	.750	.200		3			283-0402-00		.480	CR
1000.	4 k	-20. +80.	Y5S	.500	.200		3	Special Wax-free Coating		283-0327-00		.507	CR

^a Machine insertable parts are indicated with "Y".^b The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.^c Safety controlled.

CERAMIC DISC, PLATE, AND SLUGS (cont)

Capacitance (pF)	Volts	Tol (± %)	Temp. Char/Coef	Maximum Diameter (Inch)	Maximum Thickness (Inch)	Nominal Lead Spacing (Inch)	Figure (See Pg. 10-9)	Other	MI ^a	Part Number	Codes ^b		
											ND	Cost	ST
1000.	5 k	20.	Y5S	.750	.280	.550	4			283-0021-00		.447	CR
1000.	6 k	-20. +80.	Z5U	.750	.280		6			283-0033-00		.640	OT
1000.	6 k	-20. +80.	Z5U	.750	.280		6		Y	283-0033-02			DL
1000.	6 k	20.	X5T	.750	.280	.550	4			283-0188-00		.147	CR
1000.	10 k	10.	X5T	.875	.300	.750	4			283-0264-00		1.330	CS
1000.	10 k	-20. +80.	X5T	.875	.300	.748	4			283-0300-00 ^c		.457	CR
1000.	10 k	-20. +80.	X5R	.875	.400		3			283-0345-00		.450	CS
1000.	12 k	20.	Y5P	.710	.320	.620	4			283-0375-00		.268	CR
1000.	12 k	20.	Z5U	.710	.360	.620	4			283-0368-00		.398	CR
1000.	15 k	20.	Y5P	.830 x .790	.330	.500	4			283-0888-00			DL
1100.	500	5.	X5F	.437	.156	.250	4			283-0088-00		.059	CR
1160.	100	2.	COG	.300 Square	.150	.200	5			283-0397-00		.200	CR
1160.	100	2.	NPO	.300 Square	.150	.200	5		Y	283-0397-01		.204	OT
1200.	1 k	20.	Z5U	.290	.156	.250	4			283-0419-00		.100	CS
1500.	50	20.	Z5U	.100 Square	.045		10			283-0219-00		2.280	CR
1500.	200	5.	Y5D	.365	.156	.250	4			283-0114-00		.053	CR
1500.	200	5.	Y5D	.365	.156	.212	4		Y	283-0114-02		.069	CR
1500.	500	-20. +80.	Z5U	.593	.156	.325	4			283-0035-00		.389	CR
2000.	500	5.	Y5D	.593	.156	.375	4			283-0104-00		.125	CR
2200.	50	20.	Y5S	.375	.156	.250	4			283-0028-00		.077	CR
2200.	50	20.	Y5S	.375	.156	.200	4		Y	283-0028-02		.058	CR
2200.	50	20.	W5R	.200 Square	.125	.100	5			283-0176-00		.036	CR
2200.	200	5.	Y5E	.440	.156	.250	4			283-0119-00		.073	CR
2200.	200	5.	Y5E	.440	.156	.200	4		Y	283-0119-02	U	.194	CR
2200.	2 k	10.	Y5S	.600	.187	.375	4			283-0280-00 ^c		.123	CR
2200.	3 k	20.	Y5R	.750	.187	.375	4			283-0263-00		.150	CR
2500.	6 k	-0. +100.	Z5U	1.000	.340		3			283-0036-00		.691	OT
2700.	200	5.	Y5E	.475	.156	.250	4			283-0142-00		.027	CR
2700.	1 k	5.	X5E	.875	.156	.375	4			283-0085-00	U	.060	CS
3300.	100	5.	NPO	.300 Square	.150	.200	5			283-0051-00		.111	CR
3300.	100	5.	NPO	.300 Square	.150	.200	5		Y	283-0051-02	U	.128	CR
3300.	200	10.	COG	.400 Square	.150	.200	5			283-0360-00		.085	CR
3300.	500	5.	Z5D	.675	.156	.375	4			283-0041-00		.250	CR
4700.	200	10.	NPO	.300 Square	.150	.200	5			283-0100-00		.080	CR
4700.	500	5.	Y5R	.593	.156	.375	4			283-0083-00		.115	CR
4700.	6 k	-20. +80.	Y5S	1.375 x .960	.315		2			283-0101-00		1.430	CS
4700.	6 k	-20. +80.	Y5S	1.375 x .960	.315		2			283-0477-00		1.150	CS
5000.	150	-20. +80.	Z5U	.420	.156	.250	4			283-0110-00		.084	CR
5000.	500	5.	Z5D	.750	.125	.375	4			283-0029-00		.160	CR
5000.	500	-0. +100.	Z5U	.440	.156	.250	4			283-0001-00		.020	CR
5000.	3 k	20.	Z5U	.700	.200	.375	4			283-0351-00		.129	CR
5000.	4 k	20.	Z5V	.750	.250	.498	4			283-0034-00		.360	CR
5600.	100	20.	X7R	.300 Square	.150	.200	5			283-0210-00		.059	CR
5600.	200	20.	Z5U	.200 Square	.125	.100	5			283-0180-00		.080	CR
6800.	3 k	-0. +100.	Z5U	.950	.219		6			283-0043-00		.940	CR
6800.	4 k	-20. +80.	Y5S	1.375 x 1.125	.250	1.250	1			283-0270-00		1.180	CR
6800.	4 k	20.	Y5S	1.100	.218	.750	4			283-0272-00		.817	CR
6800.	5 k	-20. +80.	Y5S	1.375 x .937	.295		2			283-0071-00		2.360	CR
.01 μF	50	20.	Z5U	.200 Square	.100	.100	5			283-0204-00		.040	CR
.01 μF	50	20.	X7R	.200 Square	.125	.100	5			283-0220-03		.053	CR
.01 μF	50	20.	W5R	.217 x .200	.125	.100	5		Y	283-0220-00		.053	CR
.01 μF	50	20	X7R	.217 x .200	.125	.100	5			283-0220-02		.046	CR
.01 μF	50	20	X7R	.217 x .200	.125	.100	5			283-0220-04	U	.079	CR
.01 μF	50	10.	X7R	.200 Square	.125	.100	5			283-0238-00		.041	CR
.01 μF	150	-20. +80.	Z5U	.500	.156	.250	4			283-0003-00		.037	CR

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CERAMIC DISC, PLATE, AND SLUGS (cont)

Capacitance (pF)	Volts	Tol (± %)	Temp. Char/Coef	Maximum Diameter (Inch)	Maximum Thickness (Inch)	Nominal Lead Spacing (Inch)	Figure (See Pg. 10-9)	Other	MI ^a	Part Number	Codes ^b		
											ND	Cost	ST
.01 μF	250	-20. +80.	Z5U	.300 Square	.150	.200	5			283-0005-00	U	.250	CR
.01 μF	250	-20. +80.	Z5U	.300 Square	.150	.200	5		Y	283-0005-02	U	.195	CR
.01 μF	250	-20. +80.	Z5U	.300 Square	.150	.200	5		Y	283-0005-03	U	.107	CR
.01 μF	250	20.	Y5S	.300 Square	.200	.388	5			283-0079-01			NP
.01 μF	250	20.	Y5S	.500 Square	.200	.400	5			283-0079-00		1.180	CR
.01 μF	250	20.	Y5P	.669	.320	.394	4			283-0959-00		.199	CR
.01 μF	500	-20. +80.	Z5U	.593	.156	.375	4		Y	283-0002-00		.080	CR
.01 μF	500	-0. +100.	Z5U	.490	.156	.375	4			283-0068-00		.077	CR
.01 μF	500	20.	Y5S	.675	.156	.375	4			283-0267-00		.079	CR
.01 μF	1 k	-0. +100.	Z5U	.675	.156	.375	4			283-0013-00 ^c		.114	CR
.01 μF	1.4 k	-20. +80.	Z5U	1.100	.225	.375	4	UL Listed		283-0358-00		.348	CR
.01 μF	2 k	-20. +80.	Z5U	.937	.203		6			283-0011-00		.590	CR
.01 μF	2 k	-20. +80.	Y5S	.875	.135	.375	4			283-0105-00		.155	CR
.01 μF	2 k	20.	Z5U	.800	.187	.375	4			283-0343-00		.138	CR
.01 μF	4 k	-20. +80.	Y5S	1.670 x 1.085	.250		2			283-0082-00		.890	CR
.01 μF	4 k	20.	Z5U	1.100	.220	.487	4			283-0404-00		.483	CR
.01 μF	4 k	20.	Z5U	1.100	.275	.487	4			283-0261-00		.561	CR
.01 μF	5 k	-20. +80.	Y5S	1.656 x 1.060	.295		2			283-0162-00		.960	CR
.015 μF	50	10.	X7R	.300 Square	.150	.200	5			283-0268-00		.080	CR
.015 μF	2.5 k	-20. +80.	Y5S	1.375 x .937	.250		2			283-0120-00		.950	CR
.015 μF	2.5 k	-20. +80.	Z5U	.970	.312		3			283-0030-00			OB
.015 μF	3 k	-20. +80.	Y5S	1.625 x 1.031	.250		2			283-0042-00			OB
.02 μF	50	20.	Y5S	.300 Square	.150	.250	5			283-0027-00		.074	CR
.02 μF	150	-20. +80.	Z5V	.550	.156	.250	4			283-0004-00		.066	CR
.02 μF	500	-20. +80.	Z5V	.675	.156	.375	4			283-0006-00		.057	CR
.02 μF	1.4 k	-20. +80.	Z5U	1.110	.265	.375	4			283-0022-00 ^c		.242	CR
.02 μF	2 k	-20. +80.	GP7	.885	.187	.375	4			283-0933-00		.950	CR
.02 μF	3 k	-20. +80.	Z5U	.970	.290	.375	4			283-0430-00		.293	CR
.02 μF	3 k	-20. +80.	Z5U	.970	.290	.375	4			283-0430-01		2.732	CR
.022 μF	25	-20. +80.	Z5V	.390	.156	.250	4			283-0080-00		.095	CR
.022 μF	50	10.	W5R	.300 Square	.150	.200	5			283-0239-00		.078	CR
.022 μF	50	20.	X7R	.200 Square	.125	.100	5			283-0191-00		.050	CR
.022 μF	200	10.	X5P	.300 Square	.150	.200	5			283-0169-00		.183	CR
.022 μF	200	10.	X5R	.300 Square	.150	.200	5		Y	283-0169-02	U	.092	CR
.022 μF	500	20.	X7R	.300 Square	.150	.200	5			283-0414-00		.400	CR
.022 μF	500	20.	X7R	.300 Square	.150	.200	5		Y	283-0414-01		.530	CR
.027 μF	100	5.	W5R	.300 Square	.150	.200	5			283-0370-00		.085	CR
.027 μF	100	10.	W5R	.300 Square	.150	.200	5			283-0058-00		.075	CR
.03 μF	200	-20. +80.	Z5U	.675	.156	.375	4			283-0092-00		.128	CR
.03 μF	200	-20. +80.	Z5U	.300 Square	.150	.200	5			283-0328-00		.113	CR
.033 μF	200	20.	X7R	.300 Square	.150	.200	5		Y	283-0895-00		.120	CR
.039 μF	50	10.	BX	.200 Square	.100	.200	5			283-0813-00	U	1.560	CR
.040 μF	1 k	-20. +80.	GP7	.885	.156	.375	4			283-0931-00		.950	CR
.045 μF	500	20.	Z5U	.500 Square	.200	.388	5			283-0183-00		.400	CR
.047 μF	50	20.	X7R	.300 Square	.150	.200	5		Y	283-0010-02			OB
.047 μF	100	10.	X5R	.300 Square	.150	.200	5			283-0341-00		.088	CR
.047 μF	400	10.	X5R	.400 Square	.150	.200	5			283-0187-00		.754	CR
.047 μF	400	10.	X5R	.400 Square	.150	.200	5		Y	283-0187-04			NP
.047 μF	500	10.	X5R	.414 x .400	.300	.200	5		Y	283-0187-05		.501	CR
.050 μF	50	-20. +80.	Z5U	.300 Square	.150	.215	5			283-0010-00		.041	CR
.068 μF	50	10.	X7R	.300 Square	.150	.200	5			283-0249-00		.075	CR
.068 μF	200	10.	X7R	.300 Square	.100	.200	5		Y	281-0907-00		.582	CR
.082 μF	50	10.	X7R	.200 Square	.125	.100	5			283-0326-00		.053	CR
.1 μF	12	-20. +80.	Z5V	.430	.156	.250	4			283-0023-00		.032	CR
.1 μF	12	-20. +80.	Z5V	.430	.156	.200	4		Y	283-0023-02			DL

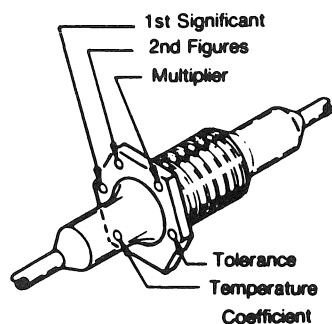
^a Machine insertable parts are indicated with "Y".^b The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.^c Safety controlled.

CERAMIC DISC, PLATE, AND SLUGS (cont)

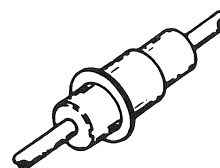
Capacitance (pF)	Volts	Tol (± %)	Temp. Char/Coef	Maximum Diameter (Inch)	Maximum Thickness (Inch)	Nominal Lead Spacing (Inch)	Figure (See Pg. 10-9)	Other	MI ^a	Part Number	Codes ^b		
											ND	Cost	ST
.1 μ F	25	-20. +80.	Z5V	.660	.156	.250	4			283-0081-00		.045	CR
.1 μ F	50	-10. +80.	X7R	.300 Square	.150	.200	5			283-0024-00		.077	CR
.1 μ F	50	-20. +80.	Z5U	.300 Square	.150	.200	5		Y	283-0024-02		.037	CR
.1 μ F	50	20.	Z5U	.300 Square	.150	.200	5			283-0024-03	U	.044	CR
.1 μ F	50	20.	X7R	.300 Square	.150	.200	5			283-0111-00		.045	CR
.1 μ F	50	20.	Z5U	.300 Square	.150	.200	5	Bent Leads		283-0111-03			DL
.1 μ F	100	10.	X5R	.300 Square	.150	.288	5			283-0167-00		.059	CR
.1 μ F	100	10.	X5R	.300 Square	.150	.200	5		Y	283-0167-02		.110	CR
.1 μ F	100	10.	X7R	.300 Square	.150	.200	5		Y	283-0167-03		.178	CR
.1 μ F	100	20.	X5R	.300 Square	.150	.200	5			283-0178-00	U	.032	CR
.1 μ F	100	-20. +80.	X7R	.300 Square	.150	.200	5			283-0178-03			DL
.1 μ F	200	-20. +80.	Z5U	.400 Square	.150	.288	5			283-0057-00		.094	CR
.1 μ F	200	-20. +80.	Z5U	.400 Square	.150	.200	5		Y	283-0057-03		.094	CR
.1 μ F	200	20.	Z5U	.400 Square	.150	.200	5		Y	283-0057-04	A	.300	CR
.1 μ F	200	10.	W5R	.400 Square	.150	.200	5			283-0211-00 ^c		.321	CR
.1 μ F	400	20.	X5R	.500 Square	.200	.401	5			283-0189-00		.850	CR
.1 μ F	500	20.	X7R	.525 Square	.250	.375	5			283-0008-00	U	.814	CR
.1 μ F	600	20.	W5R	.500 Square	.200	.375	5			283-0335-00		.920	CR
.2 μ F	25	20.	X7R	.300 Square	.150	.200	5			283-0026-00		.062	CR
.22 μ F	50	10.	X5R	.300 Square	.150	.200	5			283-0339-00		.160	CR
.22 μ F	50	10.	X5R	.300 Square	.150	.200	5		Y	283-0339-01		.189	CR
.22 μ F	50	20.	X7R	.300 Square	.150	.200	5			283-0198-00		.138	CR
.22 μ F	50	20.	Z5U	.300 Square	.150	.200	5		Y	283-0198-02		.135	CR
.22 μ F	200	10.	X7R	.500 Square	.200	.401	5			283-0208-00	A	.570	CR
.22 μ F	400	20.	Z5U	.500 Square	.300	.401	5			283-0417-00		.930	CR
.47 μ F	50	20.	X7R	.400 Square	.150	.288	5			283-0134-00		.250	CR
.47 μ F	50	5.	W5R	.400 Square	.150	.200	5			283-0190-00		.420	CR
.47 μ F	50	20.	X7R	.300 Square	.150	.200	5			283-0203-00		.304	CR
.47 μ F	50	20.	Z5U	.300 Square	.150	.200	5		Y	283-0203-02		.110	CR
.47 μ F	50	20.	W5R	.400 Square	.150	.200	5			283-0221-00		.350	CR
.47 μ F	100	-20. +80.	Z5U	.300 Square	.150	.200	5			283-0346-00		.100	CR
.56 μ F	100	20.	X5R	.500 Square	.200	.400	5			283-0129-00		.270	CR
.56 μ F	200	20.	X7R	.600 Square	.200	.400	5			283-0493-00			NP
.68 μ F	50	10.	Y5U	.300 Square	.125	.255	5			283-0854-00	A	.279	CS
.68 μ F	100	10.	X5R	.562 x .500	.200	.400	5			283-0179-00		.470	CR
1. μ F	3	-20. +80.	Z5U	.615	.156	.375	4			283-0017-00			OB
1. μ F	25	-20. +80.	Z5U	.300 Square	.100	.200	5			283-0177-03	U		NP
1. μ F	25	-20. +80.	Z5U	.300 Square	.150	.200	5			283-0177-00	A	.150	CR
1. μ F	25	-20. +80.	Z5U	.300 Square	.150	.200	5		Y	283-0177-05		.360	CR
1. μ F	25	-20. +80.	X7R	.400 Square	.150	.235	5			283-0059-00	U	.456	CR
1. μ F	50	-20. +80.	Z5U	.300 Square	.150	.200	5			283-0177-04			DL
1. μ F	50	10.	X7R	.400 Square	.150	.231	5			283-0486-00	U	.260	CR
1. μ F	50.	20.	X7R	.300 Square	.150	.200	5		Y	283-0059-02	U	.360	CR
2. μ F	50	20.	Z5U	.400 Square	.150	.200	5			283-0212-00		.420	CR
2.2 μ F	3	-20. +80.	X5T	.850	.156	.375	4			283-0019-00		.151	CS
2.2 μ F	25	20.	Z5U	.400 Square	.200	.288	5			283-0164-00		.600	CR
4.7 μ F	50	20.	Z5U	.500 Square	.200	.400	5			283-0194-00		1.650	CR

^a Machine insertable parts are indicated with "Y".^b The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.^c Safety controlled.

CERAMIC FEEDTHRU



THREAD MOUNT



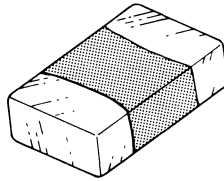
SOLDER MOUNT

Capacitance (pF)	Volts	Tolerance (\pm %)	Temperature Characteristics Coefficient	Other	Part Number	Codes ^a		
						ND	Cost	ST
75.	500	10.	U2J	Solder Mount	281-0671-00	U		OB
100.	200	20.	Z5U	8-32 Thread	281-0875-00		1.670	CR
100.	500	20.	X5S	Solder Mount	281-0636-00			OB
100.	1 k	20.	X5U	12-28 Thread	281-0824-00		.630	CR
1000.	500	-0. + 100.	Y5V	Solder Mount	283-0039-00	U	.600	CS
1000.	500	-0. + 100.	Y5V	Solder Mount	281-0635-00		.750	CS
1000.	500	-20. + 80.	X5V	Solder Mount	281-0649-00		.240	CR
1500.	500	20.	Z5U	12-28 Thread	281-0559-00		.310	CS
1750.	250	-20. + 80.	X5Z	Solder Mount	281-0720-00	U	.520	CR
5000.	100	-20. + 80.	W5W	8-32 Thread	281-0697-00		.760	CR
5000.	100	-20. + 80.	X5W	8-32 Thread	281-0796-00		.890	CR
5000.	100	-0. + 100.	X5W	8-32 x 1/8 Thread	281-0697-01		1.258	CR
5600.	250	-0. + 40.	Z5U	.375-32 Thread	281-0708-00	U	15.500	CS
8500.	500	-0. + 100.	X5U	.250-28 Thread	281-0728-00		4.020	CR

^a The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

CERAMIC CHIPS

END TERMINALS



Capacitance (pF)	Tolerance (± %)	Working Voltage (DC)	Temperature Characteristics Coefficient	Maximum Dimensions			Surface Mount	Part Number	Codes ^a		
				Length	Width/Dia	Thickness			ND	Cost	ST
.2	.05 pF	50		.020	.020	.008		283-0951-00		1.860	PP
.5	20. pF	50		.020	.008	.020		283-0852-00	U	1.250	PP
1.	.25 pF	50	COK	.100	.070	.040		283-0320-00		.167	CR
1.	.25 pF	50	NPO	.126	.063	.060	Yes	283-5017-00		.080	CR
1.	.25 pF	100	COG	.090	.060	.055	Yes	283-5012-00		.170	CR
1.5	.25 pF	50	NPO	.126	.063	.060	Yes	283-5044-00		.600	CR
1.8	.25 pF	50	NPO	.100	.070	.040		283-0321-00		.110	CR
1.8	.25 pF	100	COG	.067	.055	.040		283-0373-00		.160	CR
2.	.25 pF	50	COK	.090	.060	.055	Yes	283-5046-00		.010	CR
2.	.25 pF	50	NPO	.126	.063	.060	Yes	283-5019-00		.122	CR
2.2	.25 pF	50	NPO	.060	.050	.050		283-0844-00			EN
2.5	.1 pF	50	NPO	.066	.055	.050		283-0803-00	U	.630	CR
2.5	.25 pF	100	COG	.100	.070	.060		283-0310-00		.250	CR
2.7	.25 pF	50	NPO	.090	.060	.075	Yes	283-5181-00	U	.256	CR
3.	.1 pF	50	NPO	.066	.055	.050		283-0804-00	U	.630	CR
3.3	.1 pF	100	COG	.125	.070	.070		283-0265-00		.446	CR
3.9	.25 pF	50	NPO	.090	.060	.050		283-0822-00			DL
3.9	.1 pF	50	NPO	.090	.060	.050		283-0433-00	U		DL
4.	.25 pF	50	NPO	.126	.063	.060	Yes	283-5005-00		.081	CR
4.3	.25 pF	50	90 ± 20	.065	.065	.055		283-0297-00		.750	CR
4.7	.25 pF	100	COG	.115	.070	.065		283-0311-00		.280	CR
4.7	.5 pF	50	NPO	.090	.060	.050		283-0445-00		.076	CR
4.7	.5 pF	100	COG	.120	.068	.065		283-0354-00	U	.099	CR
4.7	.5 pF	100	COG	.105	.070	.060		283-0415-00	U	.108	CR
4.7	10. pF	100	NPO	.090	.060	.055		281-0704-00		.055	CS
5.	.25 pF	50	NPO	.126	.063	.060	Yes	283-5006-00		.081	CR
5.1	5.	100	COG	.090	.060	.050	Yes	283-5204-00	U	.150	PP
5.3	.25 pF	100	NPO	.090	.060	.035		283-0491-00	U	.185	CR
5.75	.25 pF	100	COG	.060	.090	.060		283-0403-00		.093	CR
6.2	10.	50	90 ± 20	.065	.065	.055		283-0296-00		.440	CR
6.8	.5 pF	200	COG	.125	.070	.060		283-0362-00		.080	CR
7.	.5 pF	50	NPO	.126	.063	.060	Yes	283-5041-00		.600	CR
7.	7.5 pF	100	COG	.100	.070	.060		283-0254-00	U	.150	CR
7.5	.25 pF	100	COG	.066	.055	.040		283-0374-00		.330	CR
8.	.5 pF	50	NPO	.126	.063	.060	Yes	283-5007-00		.081	CR
9.8	.25 pF	100	NPO	.090	.060	.050		283-0456-00	U	.330	CR
10.	1. pF	100	COG	.125	.070	.070		283-0318-00		.044	CR
10.	5.	50	NPO	.126	.063	.060	Yes	283-5000-00	U	.032	CR
10.	5.	100	COG	.135	.071	.050	Yes	283-5195-00			EN
10.	10.	50	NPO	.090	.060	.035		283-0465-00		.043	CR
10.	10.	100	COG	.125	.070	.070		283-0337-00		.138	CR
10.	20.	50		.010	.010	.008		283-0851-00	U	.720	PP
12.	5.	50	COG	.080	.060	.060		283-0322-00		.142	CR
12.	5.	50	COG	.090	.060	.035		283-0471-00		.072	CR
12.	5.	50	NPO	.126	.063	.060	Yes	283-5008-00		.081	CR

^a The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

CERAMIC CHIPS (cont) **END TERMINALS (cont)**

Capacitance (pF)	Tolerance (± %)	Working Voltage (DC)	Temperature Characteristics Coefficient	Maximum Dimensions			Surface Mount	Part Number	Codes ^a		
				Length	Width/Dia	Thickness			ND	Cost	ST
15.	5.	50	NPO	.090	.060	.035		283-0446-00		.033	CR
15.	5.	50	NPO	.126	.063	.060	Yes	283-5009-00		.081	CR
15.	5.	100	COG	.135	.071	.050	Yes	283-5187-00		.040	EN
15.	10.	50	X5P	.060	.060	.025		281-0679-00		.220	CR
15.	10.	100	COG	.125	.070	.070		283-0313-00		.080	CR
22.	5.	100	COG	.135	.071	.050	Yes	283-5107-00		.040	EN
22.	10.	100	COG	.090	.060	.035		283-0461-00		.046	CR
22.	10.	100	COG	.090	.060	.035	Yes	283-0461-01	A		DL
22.	10.	100	COG	.125	.070	.070		283-0312-00		.100	CR
22.	20.	50		.025	.025	.018		283-0850-00	U	.715	PP
24.	5.	100	COG	.090	.060	.050	Yes	283-5205-00	U	.050	PP
27.	5.	50	COG	.090	.060	.050		283-0407-00		.150	CR
27.	5.	50	NPO	.126	.063	.060	Yes	283-5042-00		.113	CR
27.	5.	100	COG	.090	.060	.030	Yes	283-5097-00	A	.048	PP
33.	5.	50	NPO	.126	.063	.060	Yes	283-5011-00	U	.038	CR
33.	5.	100	COG	.125	.070	.070		283-0371-00		.055	CR
33.	5.	100	COG	.135	.071	.050	Yes	283-5201-00			CR
36.	1.	100	NPO	.090	.060	.035		283-0459-00		.338	CR
37.	5.	100	COG	.125	.070	.070		283-0411-00		.180	CR
47.	5.	50	NPO	.066	.055	.050		283-0740-00		.077	CR
47.	5.	50	NPO	.126	.063	.060	Yes	283-5022-00		.080	CR
47.	5.	50	NPO	.135	.071	.045	Yes	283-5022-01	U	.112	CR
47.	5.	100	COG	.115	.065	.065		283-0416-00	U	.115	CR
47.	5.	100	COG	.135	.071	.050	Yes	283-5196-00			EN
47.	10.	100	COG	.115	.065	.065		283-0325-00		.055	CR
51.	5.	50	NPO	.090	.050	.050		283-0432-00	U	.205	CR
56.	5.	100	COG	.090	.060	.050	Yes	283-5206-00	U	.048	PP
62.	5.	50	NPO	.090	.060	.035		283-0452-00		.042	CR
68.	5.	100	COG	.135	.071	.050	Yes	283-5108-00		.040	EN
69.	5.	100	COG	.125	.070	.070		283-0412-00		.131	CR
72.	1.	100	NPO	.090	.060	.050		283-0485-00		.280	CR
74.	1.	100	NPO	.090	.060	.035		283-0457-00	U	.218	PP
75.	5.	50	COG	.110	.080	.070		283-0406-00		.120	CR
75.	5.	100	NPO	.090	.060	.035		283-0450-00		.042	CR
75.	15.	50		.050	.080			283-0406-01			EN
91.	5.	100	COG	.125	.070	.070		283-0413-00	U	.093	CR
100.	1.	100	NPO	.090	.060	.035		283-0448-00		.038	CR
100.	5.	50	NPO	.066	.055	.050		283-0741-00		.173	CR
100.	5.	50	NPO	.126	.063	.060	Yes	283-5001-00	U	.060	CR
100.	5.	100	COG	.135	.071	.050	Yes	283-5188-00		.040	CR
100.	10.	100	COG	.125	.075	.075		283-0314-00		.100	CR
150.	10.	50	NPO	.138	.111	.072		283-0309-00		.100	CR
150.	10.	50	NPO	.090	.060	.035		283-0475-00		.033	CR
150.	10.	100	NPO	.090	.060	.075		283-0401-00		.057	CR
180.	5.	50	COG	.110	.080	.070		283-0405-00	U		DL
180.	5.	50	NPO	.126	.063	.060	Yes	283-5049-00	U	.110	CR
180.	5.	100	COG	.909	.060	.050	Yes	283-5111-00	A	.045	PP
220.	5.	50	NPO	.126	.063	.060	Yes	283-5025-00		.080	CR
220.	5.	100	COG	.135	.071	.050	Yes	283-5189-00		.040	EN
220.	20.	50	COG	.120	.070	.050		283-0356-00		.052	CR
330.	5.	50	NPO				Yes	283-5014-00		.065	CR
330.	5.	100	COG	.135	.071	.050	Yes	283-5197-00			EN
330.	5.	500	X7R	.090	.060	.055		283-0832-00		.160	CR
330.	10.	100	COG	.180	.075	.065		283-0338-00		.330	CR
390.	5.	50	NPO	.126	.063	.060	Yes	283-5026-00		.080	CR

^a The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

CERAMIC CHIPS (cont)

END TERMINALS (cont)

Capacitance (pF)	Tolerance (± %)	Working Voltage (DC)	Temperature Characteristics Coefficient	Maximum Dimensions			Surface Mount	Part Number	Codes ^a		
				Length	Width/Dia	Thickness			ND	Cost	ST
470.	5.	50	NPO	.126	.063	.060	Yes	283-5027-00		.080	CR
470.	5.	100	NPO	.126	.063	.059	Yes	283-5106-00		.045	CR
470.	10.	50	NPO	.066	.055	.040		283-0372-00		.160	CR
470.	10.	50	NPO	.050	.040			283-0372-01			EN
470.	10.	100	NPO	.115	.070	.065		283-0315-00		.055	CR
470.	10.	500	NPO	.060	.050	.040	Yes	283-5209-00	U	.224	PP
560.	5.	50	NPO	.126	.063	.060	Yes	283-5050-00	U	.159	CR
560.	10.	50	X7R	.090	.060	.050		283-0453-00	U	.070	CR
680.	5.	100	NPO	.126	.063	.059	Yes	283-5109-00		.050	CR
680.	10.	50	X7R	.090	.060	.055	Yes	283-5013-00		.058	CR
820.	5.	50	NPO	.126	.063	.060	Yes	283-5043-00		.183	CR
1000.	2.	50	NPO	.050	.080			283-0460-01			EN
1000.	2.	50	NPO	.090	.060	.050		283-0460-00		.054	CR
1000.	5.	50	NPO	.135	.071	.050	Yes	283-5185-00		.160	EN
1000.	10.	50	W5P	.100	.070	.060		283-0252-00		.180	CR
1000.	10	50	NPO	.090	.065	.060		283-0252-01		.130	CR
1000.	10.	50	X7R	.090	.060	.035		283-0463-00		.042	CR
1000.	10.	50	NPO	.126	.063	.060	Yes	283-5002-00	U	.025	CR
1000.	10.	100	X7R	.135	.071	.050	Yes	283-5203-00			EN
1000.	10.	100	NPO	.180	.080	.080	Yes	283-5210-00			EN
1000.	-20. +80.	500	X7R	.190	.145	.065		283-0409-00	U	.210	CR
1500.	10.	50	X7R	.090	.060	.055		283-0930-00		.050	CR
1800.	20.	50	X7R	.066	.055	.050		283-0742-00		.070	CR
.0022 μF	10.	50		.126	.063	.060	Yes	283-5068-00		.440	CR
.0027 μF	10.	50	W5R	.070	.057		Yes	283-5180-00	U	1.630	CR
.0033 μF	10.	50	X7R				Yes	283-5015-00		.038	CR
.0033 μF	10.	200	X7R	.090	.060	.035		283-0449-00		.042	CR
.0033 μF	20.	50	COG	.195	.135	.065		283-0294-00		.248	CR
.01 μF	5.	100	NPO	.268	.189	.067	Yes	283-5183-00			EN
.01 μF	10.	50	X7R	.126	.063	.059	Yes	283-5003-00	U	.023	CR
.01 μF	10.	50	X7R	.050	.040			283-0802-01		.126	EN
.01 μF	10.	100	W5R	.175	.070	.060		283-0253-00		.072	CR
.01 μF	10.	100	W5R	.175	.070	.060		283-0277-00		.068	CS
.01 μF	10.	100	-25 +15	.135	.105	.065		283-0480-00		.139	CR
.01 μF	10.	200	BX	.135	.110	.075		283-0739-00		.340	CR
.01 μF	20.	25	X7R	.090	.060	.035		283-0443-00		.025	CR
.01 μF	20.	25	BX	.092	.062	.055	Yes	283-0443-01		.062	CR
.01 μF	20.	50	X7R	.110	.065	.055		283-0324-01		.106	CR
.01 μF	20.	50	X7R	.090	.060	.055	Yes	283-5058-00		.072	CR
.01 μF	-20. +80.	25	BX	.060	.050	.050		283-0805-00	U	.055	CR
.01 μF	-20. +80.	50	X7R	.100	.066	.055		283-0324-00		.064	CR
.012 μF	10.	25	W5R	.060	.050	.040		283-0418-00		.132	CR
.022 μF	10.	50	X7R	.135	.071	.050	Yes	283-5202-00			EN
.022 μF	-23. +73.	500	X7R	.290	.280	.125		283-0410-00		.458	CR
.022 μF	-20. +80.	500	X7R	.241	.225	.070		283-0478-00		.458	CR
.033 μF	10.	50	X7R	.126	.063	.060	Yes	283-5018-00		.173	CR
.047 μF	10.	50	X7R	.135	.071	.050	Yes	283-5113-00		.040	EN
.047 μF	10.	50	X7R	.135	.071	.050	Yes	283-5211-00			EN
.047 μF	20.	100	X7R	.160	.060	.050		283-0462-00		.082	CR
.1 μF	10.	25	X7R	.126	.063	.060	Yes	283-5004-00	U	.062	CR
.1 μF	10.	50	W5R	.125	.095			283-0353-01		.162	EN
.1 μF	10.	50	W5R	.150	.115	.075		283-0353-00		.065	CR
.1 μF	10.	50	X7R	.066	.055	.050		283-0802-00	U	.210	CR
.1 μF	10.	50	X7R	.135	.071	.050	Yes	283-5114-00		.040	EN
.1 μF	20.	50	W5R	.150	.115	.075		283-0441-00	U	.190	CR

^a The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

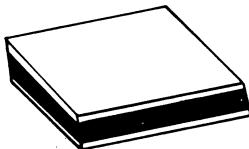
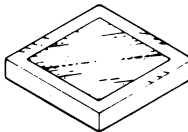

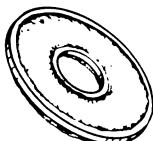
CERAMIC CHIPS (cont)

END TERMINALS (cont)

Capacitance (pF)	Tolerance (± %)	Working Voltage (DC)	Temperature Characteristics Coefficient	Maximum Dimensions			Surface Mount	Part Number	Codes ^a		
				Length	Width/Dia	Thickness			ND	Cost	ST
.1 μ F	-20. +80.	12	Y5V	.090	.060	.050		281-0261-00	U	.360	CR
.1 μ F	-20. +80.	25		.090	.060	.055	Yes	283-5095-00	A	.042	CR
.1 μ F	-20. +80.	50	X7R	.135	.105	.065		283-0470-00	U	.085	CR
.1 μ F	-20. +80.	50	Z5U	.126	.063	.059	Yes	283-5098-00		.040	EN
.18 μ F	10.	25		.135	.105	.065		283-0806-00	U	.357	CR
.22 μ F	10.	25	X7R	.126	.098	.060	Yes	283-5010-00		.245	CR
.22 μ F	-20. +80.	50	Z5U	.134	.106	.067	Yes	283-5101-00		.065	CR
.47 μ F	-20. +80.	50	Z5U	.200	.090	.060	Yes	283-5200-00			EN
.68 μ F	-0. +100.	12	Y5V	.135	.105	.065		283-0408-00	U	.136	CR
.68 μ F	-20. +80.	25	Y5V	.141	.112	.060	Yes	281-0921-00	U	.204	CR
1. μ F	5.	50		.235	.255	.070	Yes	283-5016-01	A	.740	CR
1. μ F	10.	50	X7R	.220	.250	.060	Yes	283-5016-00	U	.570	CR
1. μ F	20.	50	Z5U	.300	.300	.115		283-0209-00		.200	CR
1. μ F	-20. +80.	50	Z5U	.177	.252	.067	Yes	283-5105-00		.350	CR
2.2 μ F	20.	100	Z5U	.400	.430	.090		283-0278-00		1.770	CR
2.2 μ F	20.	100	Z5U	.360	.210	.067		283-0278-01		1.700	CR

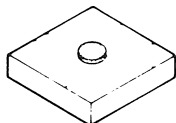
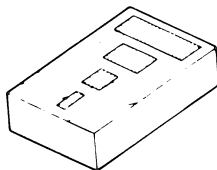
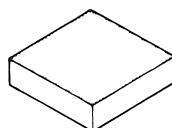
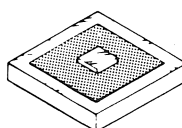
^a The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

CERAMIC CHIPS (cont) FACE TERMINALS

											
FIGURE 1		FIGURE 2		FIGURE 3		FIGURE 4					
Capacitance (pF)	Tolerance (± %)	Working Voltage (DC)	Temperature Characteristics Coefficient	Figure	Maximum Dimensions			Part Number	Codes ^a		
					Length	Width/Dia	Thickness		ND	Cost	ST
.74	.1 pF	100	COG	2	.025	.025	.011	283-0819-00	U		DL
.87	.1 pF	100		2	.025	.025	.011	283-0820-00	U	1.650	CR
1.4	.1 pF	100		2	.035	.035	.011	283-0818-00		2.660	CR
1.5	.05 pF			2	.015	.015	.007	283-5084-00	U	3.600	PP
1.5	.1 pF	50		2	.060	.060	.025	283-0216-00		.840	CR
1.8	.1 pF	100	COJ	2	.035	.035	.011	283-0817-00	U		DL
2.5	.5 pF	100		3		.205	.075	283-0127-00		.059	CR
2.7	.1 pF	50		2	.060	.060	.025	283-0248-00		.140	CS
3.3	.5 pF	50		2	.020	.020	.005	283-0482-00	U	.150	CR
4.7	.5 pF	50		3		.261	.075	283-0146-00		.420	CS
5.	.25 pF	50	COG	2	.100	.100	.015	283-0133-00		.740	CR
6.8	2.	100	COG	2	.020	.020	.007	283-5083-00	U	1.600	PP
7.	20.	50		2	.100	.100	.015	283-0137-00		.060	CS
10.	5. pF	50		2	.140	.140	.015	283-0132-00		2.130	CR
15.	20.	50		2	.135	.135	.017	283-0093-00		.360	CS
20.	5.			1	.018	.018	.008	283-0972-00	U	.900	CR
26.	5.		U2J	1	.024	.040	.006	283-5082-00	U	1.430	CR
27.	10.	50		2	.016	.016		283-0816-00	U	1.350	CR
47.	5.	50		2	.125	.125	.025	283-0332-00		.610	CR
50.	5.	1 k		3		.261	.080	283-0165-00		.040	CS
50.	10.	200	X5F	2	.080	.080	.017	283-0170-00		5.520	CS
60.	5.		X5F	1	.026	.026	.006	283-5080-00	U	.830	CR
80.	5.			1	.031 Nom	.031 Nom	.006 Nom	283-5081-00	U	1.170	CR
100.	5.	500		3		.261	.065	283-0135-00		.060	CR
200.	10.			1	.050	.050	.006	283-0973-00		.760	CR
270.	5.	500	Z5P	3		.190	.060	283-0122-00		2.900	OT
500.	10.	500	X5S	3		.262	.048	283-0025-00		.048	CS
510.	10.	50	X5F	2	.120	.120	.025	283-0205-00		5.580	CR
1000.	20.	200	Y5D	3		.265	.150	283-0121-00		.050	CR
1000.	-0. +100.	50	Z5U	4		.360	.050	283-0444-00		1.800	CS
1000.	-20. +80.	100	Z5U	4		.246	.040	281-0647-00		1.800	CR
1000.	-20. +80.	500	Z5D	3		.375	.125	283-0048-00		.038	CS
.0022 μF	5.	200	Z5F	3		.332	.050	283-0073-00		3.000	OT
.008 μF	-0. +100.	200	Z5U	3		.325	.035	283-0050-00		.550	CS
.01 μF	20.	200	Z5V	2	.250	.250	.040	283-0072-01		.770	CR
.05 μF	-20. +80.	25	Y5U	3		.380	.040	283-0064-00		.360	CS

^a The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

THIN FILM TOP SIDE TERMINALS

											
FIGURE 1		FIGURE 2		FIGURE 3		FIGURE 4					
Capacitance (pF)	Tolerance (± %)	Working Voltage (DC)	Temperature Characteristics Coefficient	Figure	Maximum Dimensions			Part Number	Codes ^a		
					Length	Width/Dia	Thickness		ND	Cost	ST
.250, .550, 1.000 & 2.000	25.	200	45 ± 20	2	.030	.020	.008 ± .003	283-0436-00	U	.590	CR
.500	10.	75	35 ± 15	1	.021	.021	.007	283-0366-00		.190	CS
4.5	10.	75	+ 190	1	.020 Nom	.020 Nom	.006	283-0273-00		.190	CR
4.7	10.	200	45 ± 20	4	.022	.022	.011	283-0468-00		.120	CR
5.1	.1 pF	200		3	.030	.030		283-0797-00		2.520	CR
5.6	10.	200	45 ± 20	4	.020 Nom	.020 Nom	.008 Nom	283-5078-00	U	.190	CR
10.	10.	200	45 ± 20	4	.022	.022	.011	283-0469-00		.110	CR
15.	5.	140	45 ± 20	4	.022	.022	.011	283-0473-00			DL
47.	5.	45	45 ± 20	4	.022	.022	.011	283-0474-00	U	.140	CR
68.	10.	70	45 ± 20	4	.030 Nom	.030 Nom	.008 Nom	283-5079-00	U	.210	CR
100.	5.	55	45 ± 20	4	.032	.032	.011	283-0488-00			DL
100.	5.	55	45 ± 20	4	.032	.032	.005	283-0712-00	U	.220	CR
220.	10.	25	45 ± 20	4	.042	.042	.011	283-0467-00		.140	CR
1000.	10.	25	45 ± 20	4	.057	.057	.011	283-0466-00		.250	CR

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MACHINE INSERTABLE PARTS

For radial lead parts a maximum diameter of .335 for Fuji and .394 for TDK can not be exceeded. Other axial lead parts may be machine inserted provided they meet the following minimum requirements:

1. Lead diameter is at least .019 but not greater than .032 inch.
2. Body diameter does not exceed .335 inch.
3. Body length does not exceed .675 inch.

.100 Inch Nominal Lead Spacing

Capacitance (pF)	Tolerance (± %)	Volts	Type	Part Number
.5	.25 pF	100	Radial	283-0348-01
1.	.1 pF	50	Radial	283-0158-01
2.7	.25 pF	50	Radial	283-0898-00
5.6	.25 pF	200	Radial	283-0260-01
10.	.5 pF	200	Radial	283-0175-02
10.	5.	200	Radial	283-0921-00
18.	5.	50	Radial	283-0159-02
22.	5.	50	Radial	283-0154-01
27.	10.	200	Radial	283-0201-01
51.	5.	200	Radial	283-0107-01
100.	5.	50	Radial	283-0330-02
220.	10.	200	Radial	283-0108-02
220.	10.	200	Radial	283-0916-00
1000.	20.	200	Radial	283-0913-00
.01 μF	20.	50	Radial	283-0220-02

.170 Inch Maximum Body Length (.150 Minimum)

Capacitance (pF)	Tolerance (± %)	Volts	Type	Part Number
1.5	.25 pF	100	Axial	281-0940-00
4.7	.5 pF	100	Axial	281-0893-00
5.6	.5 pF	500	Axial	281-0810-00
7.	2. pF	100	Axial	281-0808-00
10.	20.	100	Axial	281-0757-00
24.	5.	100	Axial	281-0934-00
33.	5.	50	Axial	281-0819-00
39.	5.	100	Axial	281-0936-00
43.	5.	100	Axial	281-0933-00
51.	2.	100	Axial	281-0798-00
68.	5.	100	Axial	281-0939-00
100.	5.	100	Axial	281-0814-01
150.	5.	100	Axial	281-0928-00
270.	10.	100	Axial	281-0791-00
680.	10.	100	Axial	281-0268-00
680.	10.	50	Axial	281-0274-00
5600.	10.	50	Axial	281-0273-00
6800.	10.	50	Axial	281-0935-00
.022 μF	20.	50	Axial	281-0909-00
.047 μF	-20 + 80	50	Axial	281-0944-00
.047 μF	-20 + 80	50	Axial	281-0922-00
.1 μF	20.	50	Axial	281-0775-01
.1 μF	-20 + 80	50	Axial	281-0913-00
.22 μF	20.	50	Axial	281-0925-01

MACHINE INSERTABLE PARTS (cont)

.190 Inch Maximum Body Length (.150 Minimum)

Capacitance (pF)	Tolerance (± %)	Volts	Type	Part Number
.68	20.	500	Axial	281-0537-00
10.	10.	100	Axial	281-0811-00
12.	10.	100	Axial	281-0904-00
15.	10.	200	Axial	281-0797-00
15.	20.	100	Axial	281-0758-00
22.	10.	100	Axial	281-0759-00
27.	20.	100	Axial	281-0762-00
47.	10.	100	Axial	281-0763-00
51.	5.	100	Axial	281-0777-00
68.	10.	100	Axial	281-0785-00
82.	5.	100	Axial	281-0764-00
82.	10.	100	Axial	281-0792-00
100.	5.	100	Axial	281-0765-00
100.	10.	100	Axial	281-0814-00
120.	5.	100	Axial	281-0776-00
150.	10.	100	Axial	281-0786-00
200.	5.	100	Axial	281-0809-00
240.	5.	100	Axial	281-0863-00
330.	20.	100	Axial	281-0767-00
470.	10.	50	Axial	281-0823-00
470.	10.	100	Axial	281-0788-00
470.	20.	100	Axial	281-0768-00
680.	10.	50	Axial	281-0820-00
840.	10.	100	Axial	281-0769-00
1000.	10.	100	Axial	281-0812-00
1000.	20.	100	Axial	281-0770-00

.200 Inch Nominal Lead Spacing

Capacitance (pF)	Tolerance (± %)	Volts	Type	Part Number
2.2	.5 pF	200	Radial	283-0853-00
2.7	.25 pF	500	Radial	283-0912-00
45.	2.	100	Radial	283-0331-01
51.	5.	100	Radial	283-0489-00
270.	5.	1 k	Radial	283-0084-02
470.	5.	50	Radial	283-0197-02
650.	5.	200	Radial	283-0150-02
1000.	-0 + 100	500	Radial	283-0000-04
1160.	2.	100	Radial	283-0397-01
2200.	5.	200	Radial	283-0119-02
2200.	20.	50	Radial	283-0028-02
3300.	5.	100.	Radial	283-0051-02
.01 μ F	-20 + 80	250	Radial	283-0005-02
.022 μ F	10.	200	Radial	283-0169-02
.022 μ F	20.	500	Radial	283-0414-01
.033 μ F	20.	200	Radial	283-0895-00
.047 μ F	10.	400	Radial	283-0187-04
.047 μ F	10.	500	Radial	283-0187-05
.047 μ F	20.	50	Radial	283-0010-01
.068 μ F	10.	200	Radial	281-0907-00
.1 μ F	-20 + 80	12	Radial	283-0023-02
.1 μ F	-20 + 80	50	Radial	283-0024-02
.1 μ F	-20 + 80	200	Radial	283-0057-03
.1 μ F	10.	100	Radial	283-0167-02
.1 μ F	10.	100	Radial	283-0167-03
.1 μ F	20.	200	Radial	283-0057-04
.22 μ F	10.	50	Radial	283-0339-01
.22 μ F	20.	50	Radial	283-0198-02
.47 μ F	20.	50	Radial	283-0203-02
1. μ F	-20 + 80	25	Radial	283-0177-05
1. μ F	20.	50	Radial	283-0059-02

MACHINE INSERTABLE PARTS (cont)

.200 Inch Maximum Body Length (.150 Minimum)

Capacitance (pF)	Tolerance (± %)	Volts	Type	Part Number
3.9	.5 pF	100	Axial	281-0903-00
6.8	.5 pF	100	Axial	281-0895-00
82.	5.	100	Axial	281-0816-00
91.	5.	100	Axial	281-0872-00
180.	5.	100	Axial	281-0851-00
270.	5.	50	Axial	281-0861-00
430.	5.	100	Axial	281-0864-00
1000.	20.	100	Axial	281-0862-00
1800.	10.	100	Axial	281-0852-00
2200.	1.	100	Axial	281-0826-00

.212 Inch Nominal Lead Spacing

Capacitance (pF)	Tolerance (± %)	Volts	Type	Part Number
1500	5.	200	Radial	283-0114-02

.220 Inch Maximum Body Length (.150 Minimum)

Capacitance (pF)	Tolerance (± %)	Volts	Type	Part Number
1.	20.	500	Axial	281-0538-00

.260 Inch Maximum Body Length (.240 Minimum)

Capacitance (pF)	Tolerance (± %)	Volts	Type	Part Number
2.2	.5 pF	200	Axial	281-0756-00
7.5	.5 pF	500	Axial	281-0898-00
12.	10.	50	Axial	281-0911-00
28.	2.	500	Axial	281-0896-00
62.	2.	100	Axial	281-0799-00
100.	20.	200	Axial	281-0766-00
820.	5.	50	Axial	281-0850-00
1000.	5.	100	Axial	281-0865-00
2200.	20.	200	Axial	281-0771-00
4700.	10.	100	Axial	281-0772-00
.010 μ F	10.	100	Axial	281-0773-00
.015 μ F	10.	200	Axial	281-0707-00
.015 μ F	20	100	Axial	281-0707-01
.022 μ F	20	100	Axial	281-0774-00
.027 μ F	20	50	Axial	281-0815-00
.047 μ F	20	50	Axial	281-0813-00
.100 μ F	20	50	Axial	281-0775-00

MACHINE INSERTABLE PARTS (cont)

.275 Inch Maximum Body Length (.240 Minimum)

Capacitance (pF)	Tolerance (± %)	Volts	Type	Part Number
1800.	1.	50	Axial	281-0910-00
.1 μ F	10.	50	Axial	281-0272-00
.1 μ F	20.	50	Axial	281-0795-02
.22 μ F	20.	50	Axial	281-0925-00

.310 Inch Maximum Body Length

Capacitance (pF)	Tolerance (± %)	Volts	Type	Part Number
.001	20.	50	DIP	283-0492-00
.010	20.	100	DIP	283-0811-00
.047	-20 +80	50	DIP	283-0422-00
.100	-20 +80	50	DIP	283-0421-00
.220	-20 +80	50	DIP	283-0423-00
.470	-20 +80	25	DIP	283-0479-00

.375 Inch Nominal Lead Spacing

Capacitance	Tolerance (± %)	Volts	Type	Part Number
.01 μ F	-20 + 80	500	Radial	283-0002-00

.400 Inch Maximum Body Length

Capacitance (pF)	Tolerance (± %)	Volts	Type	Part Number
.8	.1 pF	500	Radial	281-0661-01
1.5	.25 pF	500	Radial	281-0529-01
2.2	.5 pF	500	Radial	281-0500-01
2.7	.25 pF	500	Radial	281-0547-01
4.7	.5 pF	500	Radial	281-0592-01
8.	.5 pF	500	Radial	281-0503-01
11.	5.	500	Radial	281-0576-01
18.	5.	500	Radial	281-0578-01
22.	2.2	500	Radial	281-0511-02
24.	5.	500	Radial	281-0564-02
390.	5.	500	Radial	281-0630-01

MACHINE INSERTABLE PARTS (cont)

.450 Inch Maximum Body Length

Capacitance (pF)	Tolerance (± %)	Volts	Type	Part Number
1.8	.1 pF	50	Axial	281-0755-00
2.2	.5 pF	50	Axial	281-0873-00
5.6	.5 pF	500	Axial	281-0876-00
10.	5.	500	Axial	281-0874-00
15.	5.	500	Axial	281-0787-00
20.	2.	500	Axial	281-0938-00
22.	5.	500	Axial	281-0760-01
22.	10.	500	Axial	281-0760-00
27.	5.	100	Axial	281-0761-00

.465 Inch Maximum Body Length

Capacitance (pF)	Tolerance (± %)	Volts	Type	Part Number
.1 μ F	20.	100	Axial	281-0783-00
.47 μ F	20.	50	Axial	281-0563-00

SECTION 11

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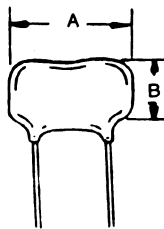
LETTER DESIGNATION	TEMPERATURE COEFFICIENT	CAPACITANCE DRIFT
B	± 500 PPM°C	$\pm (.5\% + .5 \text{ pF})$
C	± 200 PPM°C	$\pm (.5\% + .1 \text{ pF})$
D	± 100 PPM°C	$\pm (.3\% \pm .1 \text{ pF})$
E	-20 + 100 PPM°C	$\pm (.1\% + .1 \text{ pF})$
F	0 + 70 PPM°C	$\pm (.05\% + .1 \text{ pF})$

In the Resistor & Capacitor Section of the Supplement Catalog (#7), you will find the following information:

- Application Notes
- Identification Marking Codes
- Temperature Characteristics
- Typical Voltage Characteristics
- Cleaning Guidelines
- Performance Curves

CATALOG WRITER: SANDRA PHILLIPS, 629-3030

MICA



Capacitance (pF)	Volts	Tolerance ± %	Dimensions (Maximum)			Nominal Lead Spacing	Characteristic Code ^a	Machine Insertable	Part Number	Codes ^b		
			Length A (Inch)	Width B (Inch)	Thickness (Inch)					ND	Cost	ST
10.	100	5	.460	.370	.190	.225	C		283-0648-00		.084	CR
10.	500	5	.480	.410	.230	.225	C	Y	283-0648-01		.107	CR
10.	500	5	.460	.370	.190	.225	E		283-0783-00		.116	CS
16.8	500	.5 pF	.460	.370	.190	.225	C		283-0663-00	U	.105	CR
16.8	500	.5 pF	.450	.360	.170	.235	C	Y	283-0663-01		.128	CR
20.	500	2.5	.460	.370	.190	.225	E		283-0637-00		.104	CR
20.	500	2.5	.460	.433	.190	.200	E	Y	283-0637-01		.128	CR
22.	500	10	.460	.370	.190	.225	E		283-0601-00		.077	CR
22.	500	.5 pF	.370	.340	.190	.150	E		283-0643-00		.110	CR
27.	500	2	.460	.370	.190	.225	E		283-0779-00		.093	CR
27.	500	5	.460	.370	.190	.225	E		283-0781-00	U	.077	CR
33.	500	5	.460	.370	.190	.225	E		283-0615-00		.077	CR
33.	500	2	.370	.340	.190	.150	E		283-0642-00		.146	CR
33.	300	2	.370	.340	.190	.142	E		283-0765-00	U	.250	CS
36.	500	2	.460	.370	.190	.225	E		283-0636-00		.093	CR
39.	500	5	.450	.360	.170	.233	E		283-0782-00		.115	CR
40.	500	2	.470	.390	.210	.233	E		283-0784-00		.093	CR
43.	500	5	.370	.340	.190	.150	E	Y	283-0600-00		.092	CR
43.	500	2	.370	.340	.190	.150	E		283-0743-00		.146	CR
47.	500	.5 pF	.460	.370	.190	.225	E		283-0766-00		.113	CR
51.	500	1	.460	.370	.190	.225	E		283-0635-00		.097	CR
53.	500	5	.460	.370	.190	.225	E		283-0602-00		.075	CR
56.	500	1	.460	.370	.190	.225	E		283-0639-00	U	.097	CR
62.	500	1	.370	.340	.190	.150	E		283-0629-00		.186	CR
65.	500	1	.460	.370	.190	.225	E		283-0634-00		.104	CR
68.	500	5	.480	.410	.230	.235	D		283-0608-00		.064	CS
70.	500	1	.460	.370	.190	.225	E		283-0647-00		.104	CR
75.	500	5	.460	.370	.190	.225	E		283-0616-00		.077	CR
77.	500	1	.460	.370	.190	.225	E		283-0633-00		.104	CR
82.	500	5	.460	.370	.190	.225	E		283-0612-00		.181	CR
82.	500	1	.370	.350	.200	.150	E		283-0676-00		.186	CR
82.	500	1	.460	.370	.190	.225	E		283-0677-00		.104	CR
85.	500	1	.460	.370	.190	.225	F	Y	283-0674-00		.104	CR
85.	500	1	.460	.360	.180	.225	F		283-0674-01		.127	CR
87.	500	1	.460	.370	.190	.225	E		283-0632-00		.104	CR
91.	500	1	.460	.370	.190	.225	F		283-0706-00		.104	CR
95.	500	1	.460	.370	.190	.225	F		283-0631-00		.097	CR
95.	500	1	.433	.410	.230	.225	F	Y	283-0631-01		.120	CR
98.	500	5	.370	.350	.200	.150	F		283-0599-00		.103	CR
100.	500	5	.370	.350	.200	.140	F		283-0796-00		.103	CR
105.	500	1	.460	.370	.190	.225	F		283-0649-00		.100	CR
107.	500	1	.460	.370	.180	.233	F		283-0767-00		.185	CR
110.	500	1	.460	.370	.190	.225	F		283-0630-00		.100	CR
113.	500	2	.460	.370	.190	.225	F		283-0603-00		.094	CR
120.	500	1	.460	.370	.190	.225	F		283-0728-00		.100	CR

^a For Characteristic Code, see Page 11-1.

^b The nominal price (at time of printing) is listed in the cost column. For ND (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

MICA (cont)

Capacitance (pF)	Volts	Tolerance ± %	Dimensions (Maximum)			Nominal Lead Spacing	Characteristic Code ^a	Machine Insertable	Part Number	Codes ^b		
			Length A (Inch)	Width B (Inch)	Thickness (Inch)					ND	Cost	ST
125.	500	1	.460	.370	.190	.225	F		283-0780-00		.121	CR
125.	500	1	.460	.433	.190	.200	F	Y	283-0780-01		.140	CR
130.	500	2	.460	.370	.190	.225	F		283-0618-00		.108	CR
130.	500	1	.460	.370	.190	.225	F		283-0638-00		.113	CR
130.	500	1	.433	.380	.190	.200	F	Y	283-0638-01		.179	CR
132.	500	1	.460	.370	.190	.225	F		283-0768-00		.150	CR
150.	500	1	.460	.370	.190	.225	F		283-0644-00		.117	CR
150.	500	1	.433	.370	.190	.200	F	Y	283-0644-01		.140	CR
156.	500	1	.460	.370	.180	.235	F		283-0791-00		.157	CR
160.	500	1	.460	.380	.200	.225	F		283-0640-00		.122	CR
160.	500	1	.433	.380	.200	.200	F	Y	283-0640-01		.148	CR
164.	500	1	.460	.380	.200	.225	F		283-0671-00		.129	CR
170.	500	1	.460	.380	.200	.225	F		283-0646-00		.131	CR
180.	500	1	.460	.380	.200	.225	F		283-0641-00		.131	CR
184.	500	1	.460	.380	.200	.225	F		283-0668-00		.152	CR
190.	500	1	.460	.380	.200	.225	F		283-0665-00		.131	CR
190.	500	1	.460	.433	.200	.200	F	Y	283-0665-01		.154	CR
200.	500	1	.460	.380	.200	.225	F		283-0672-00		.131	CR
200.	500	1	.433	.380	.200	.200	F	Y	283-0672-01		.202	CR
214.	500	1	.460	.380	.200	.225	F		283-0725-00		.136	CR
220.	500	1	.390	.370	.220	.150	F		283-0625-00	U	.280	CR
250.	500	1	.450	.360	.210	.235	F		283-0785-00		.141	CR
253.	500	5	.460	.380	.200	.225	F		283-0598-00	U	.112	CR
267.	500	1	.470	.390	.210	.235	F		283-0788-00		.146	CR
274.	500	1	.470	.390	.210	.225	F		283-0730-00		.151	CR
278.	500	1	.470	.390	.210	.233	F		283-0769-00		.147	CR
300.	500	1	.470	.390	.210	.225	F		283-0770-00		.151	CR
304.	500	2	.470	.390	.210	.225	F		283-0604-00		.193	CR
304.	500	2	.470	.390	.210	.235	F		283-0762-00	U	.153	CS
330.	500	1	.470	.390	.210	.225	F		283-0680-00	U	.166	CR
334.	500	1	.470	.400	.220	.225	F		283-0771-00		.170	CR
345.	500	1	.470	.400	.220	.225	F		283-0752-00		.175	CR
360.	500	1	.470	.400	.220	.225	F		283-0669-00		.175	CR
375.	500	1	.470	.400	.220	.225	F		283-0670-00		.183	CR
385.	500	1	.470	.400	.220	.235	F		283-0707-00	U	.387	CR
390.	500	1	.470	.400	.220	.225	F		283-0698-00		.198	CR
410.	500	1	.480	.400	.230	.225	F		283-0628-00		.194	CR
420.	500	1	.480	.400	.230	.225	F		283-0667-00	U	.270	CR
430.	500	1	.480	.400	.230	.225	F		283-0651-00	U	.194	CR
450.	500	1	.480	.400	.230	.225	F		283-0622-00		.199	CR
455.	500	1	.480	.410	.230	.225	F		283-0673-00		.199	CR
464.	500	1	.480	.410	.230	.225	F		283-0688-00		.199	CR
470.	500	10	.480	.410	.230	.225	F		283-0597-00		.144	CR
470.	500	1	.480	.410	.230	.225	F		283-0620-00		.199	CR
497.	500	1	.490	.420	.240	.233	F		283-0772-00		.214	CR
510.	500	2	.490	.420	.240	.225	F		283-0660-00		.199	CR
528.	300	1	.470	.400	.220	.225	F		283-0596-00		.214	CR
545.	300	1	.470	.400	.220	.225	F		283-0697-00		.231	CR
550.	300	1	.470	.400	.220	.225	F		283-0689-00		.214	CR
560.	300	1	.470	.400	.220	.225	F		283-0690-00		.214	CR
560.	300	2	.470	.400	.220	.225	F		283-0687-00		.193	CR
578.	300	1	.470	.400	.220	.225	F		283-0773-00		.241	CR
600.	300	1	.480	.410	.230	.235	F		283-0789-00		.233	CR
620.	300	2	.470	.400	.220	.225	F		283-0684-00		.224	CR
639.	300	1	.470	.400	.220	.225	F		283-0774-00		.660	CR

^a For Characteristic Code, see Page 11-1.^b The nominal price (at time of printing) is listed in the cost column. For ND (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

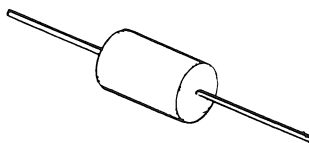
MICA (cont)

Capacitance (pF)	Volts	Tolerance ± %	Dimensions (Maximum)			Nominal Lead Spacing	Characteristic Code ^a	Machine Insertable	Part Number	Codes ^b		
			Length A (Inch)	Width B (Inch)	Thickness (Inch)					ND	Cost	ST
650.	300	1	.470	.400	.220	.225	F		283-0691-00		.251	CR
670.	300	1	.470	.400	.220	.225	F		283-0692-00		.271	CR
678.	300	1	.470	.400	.220	.225	F		283-0605-00		.290	CR
745.	500	1	.660	.530	.250	.344	F		283-0786-00		.204	CR
750.	500	5	.660	.530	.230	.350	F		283-0524-00	U	.164	CR
790.	300	1	.480	.410	.240	.225	F		283-0645-00		.285	CR
850.	500	1	.650	.510	.210	.344	F		283-0790-00		.251	CR
890.	100	2	.480	.410	.240	.225	F		283-0666-00		.232	CR
1000.	100	1	.480	.410	.240	.225	F		283-0594-00	U	.286	CR
1053.	500	1	.650	.520	.220	.344	F		283-0787-00		.350	CS
1160.	500	2	.660	.530	.230	.350	F		283-0659-00		.208	CR
1200.	500	1	.660	.530	.230	.350	F		283-0623-00		.238	CR
1300.	500	2	.660	.530	.230	.350	F		283-0624-00		.219	CR
1730.	500	1	.680	.550	.280	.350	F		283-0693-00		.357	CR
1764.	500	1	.680	.550	.280	.350	F		283-0775-00		.357	CR
1800.	500	5	.680	.550	.280	.350	F		283-0626-00		.284	CR
2000.	500	1	.680	.550	.280	.350	F		283-0555-00		.394	CR
2045.	500	1	.680	.550	.280	.350	B		283-0940-00		.410	CR
2130.	500	1	.680	.550	.280	.350	F		283-0776-00		.397	CR
2240.	500	.5	.680	.550	.280	.350	F		283-0694-00		.329	CR
2275.	500	1	.670	.540	.260	.344	F		283-0777-00		.428	CR
2300.	500	1	.670	.540	.260	.344	F		283-0696-00	U	.401	CR
2500.	500	5	.680	.540	.270	.344	F		283-0729-00	U	.329	CR
2700.	500	2	.680	.550	.280	.350	F		283-0711-00		.548	CR
2800.	500	5	.680	.550	.280	.350	F		283-0664-00		.380	CR
3035.	500	1	.680	.550	.290	.344	F		283-0793-00		.472	CR
3200.	500	1	.680	.550	.280	.350	B		283-0942-00		.459	CR
3300.	500	5	.680	.550	.280	.350	F		283-0627-00		.381	CR
3300.	500	1	.680	.550	.280	.350	F		283-0655-00		.472	CR
3600.	500	2	.680	.560	.300	.350	E		283-0845-00		.444	CR
3900.	500	5	.690	.560	.310	.350	F		283-0531-00		.440	CS
4440.	500	1	.690	.570	.330	.350	F		283-0695-00		.628	CR
4700.	500	10	.700	.580	.350	.350	F		283-0617-00	U	.507	CR
4700.	500	5	.700	.580	.350	.350	F		283-0756-00		.507	CR
4700.	500	5	.700	.580	.350	.344	F		283-0795-00	U	.100	CS
10,000.	100	1	.800	.890	.340	.425	F		283-0593-00		1.080	CR
10,000.	100	5	.800	.890	.340	.425	E		283-0593-01	U	.942	CS

^a For Characteristic Code, see table on page 11-1.^b The nominal price (at time of printing) is listed in the cost column. For ND (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

MICA (cont)

TUBULAR

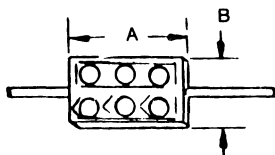


Capacitance (pF)	Volts	Tolerance ± %	Dimensions (Maximum)		Machine Insertable	Part Number	Codes ^a	
			Length (Inch)	Diameter (Inch)			Cost	ST
75.	100	1.	.100	.170	Y	283-0952-00	.400	CR
120.	100	1.	.100	.170	Y	283-0953-00	.480	CR
180.	100	1.	.100	.170	Y	283-0954-00	.500	CR
270.	100	1.	.100	.170	Y	283-0955-00	.509	CR

^a The nominal price (at time of printing) is listed in the cost column. For Status Codes, see tab marked CODES in the back of this catalog.

DO NOT USE IN NEW DESIGN

MOLDED MICA



Capacitance (pF)	Volts	Tolerance ± %	Length A (Inch)	Width B (Inch)	Thickness (Inch)	Characteristic Code ^a	Part Number	Codes ^b	
								Cost	ST
4.7	500	5	.687	.437	.219	B	283-0501-00		NP
39.	500	5	.687	.437	.219	D	283-0533-00		OB
82.	500	5	.687	.437	.219	D	283-0534-00		OB
100.	500	5	.687	.437	.219	B	283-0506-00		OB
100.	500	5	.548	.313	.219	E	283-0609-00		OB
150.	100	1	.548	.313	.219	E	283-0652-00		NP
150.	500	10	.687	.531	.219	B	283-0508-00		OB
150.	500	10	.796	.468	.218	F	283-0544-00		OB
200.	500	5	.687	.437	.219	D	283-0511-00		OB
200.	500	1	.796	.468	.218	C	283-0552-00	.136	CS
220.	500	5	.550	.313	.190	C	283-0513-00	.731	CR
220.	500	5	.548	.313	.219	E	283-0610-00	.087	LS
220.	500	10	.687	.437	.219	B	283-0536-00		NP
250.	500	5	.796	.468	.218	F	283-0543-00	.157	LS
270.	500	5	.796	.468	.218	D	283-0551-00		OB
330.	500	10	.687	.437	.219	B	283-0518-00	.120	LS
360.	500	5	.687	.487	.219	B	283-0519-00		OB
470.	500	10	.687	.437	.219	B	283-0522-00		OB
500.	500	5	.687	.437	.219	B	283-0523-00	.109	LS
790.	100	1	.548	.313	.219	E	283-0654-00		OB
1000.	500	1	.790	.470	.218	E	283-0526-00		OB
1000.	500	1	.768	.550	.290	E	283-0554-00	.305	LS
1000.	500	5	.687	.437	.219	E	283-0527-00		NP
2000.	500	5	.859	.859	.281	E	283-0529-00		OB
2200.	500	10	.859	.859	.281	B	283-0530-00		OB
2700.	500	5	.830	.830	.261	F	283-0621-00		OB
3000.	500	10	.859	.859	.281	B	283-0538-00		OB
6000.	500	5	.859	.359	.281	C	283-0546-00		OB

REPLACEMENT FOR MOLDED MICA PARTS

MOLDED MICA	DIPPED MICA
283-0501-00	Replaced By 283-0766-00
283-0506-00	283-0796-00
283-0508-00	283-0644-00
283-0511-00	283-0672-00
283-0518-00	283-0680-00
283-0519-00	283-0669-00
283-0527-00	283-0594-00
283-0533-00	283-0782-00
283-0534-00	283-0677-00
283-0536-00	283-0625-00
283-0543-00	283-0785-00
283-0544-00	283-0644-00
283-0610-00	283-0625-00
283-0652-00	283-0644-00

^a For Characteristic Code, see Page 11-1.

^b The nominal price (at time of printing) is listed in the cost column. For Status Codes, see tab marked CODES in the back of this catalog.

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In the Resistor Capacitor Section of the Supplement Catalog 7, you will find the following information:

- Application Notes
- Identification Marking Codes
- Temperature Characteristics
- Typical Voltage Characteristics
- Cleaning Guidelines
- Performance Curves

CATALOG WRITER: SANDRA PHILLIPS, 629-3030.

PLASTIC

There are often substantial size variations between different manufacturers of the same value capacitor. Care should be taken to leave room for the maximum size part indicated on the current Tektronix specification.

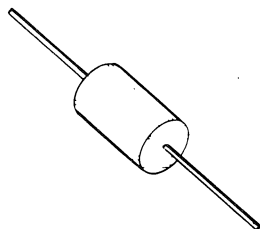


FIGURE 1

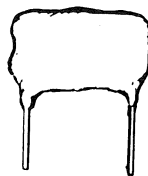


FIGURE 2

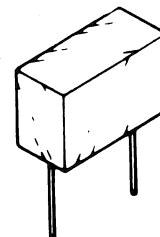


FIGURE 3

Capacitance @1 kHz, 25°C	Volts	Tol ± %	Maximum Body Dia/Width (Inch)	Maximum Body Length (Inch)	Maximum Body Height (Inch)	DF % @ 1 kHz, 25°C	Ripple Current (A)	Other	Fig	MI ^a	Part Number	Codes ^b		
												ND	Cost	ST
100 pF	1600	5	.197	.709	.433			Polypropylene Film	3		285-1437-00	U		EN
220 pF	100	5	.200	.300	.260	.05		Polypropylene Film	3	Y	285-1342-00	U	.097	CR
330 pF	100	5	.200	.300	.260	.05		Polypropylene Film	3	Y	285-1343-00	U	.073	CR
560 pF	100	2.5	.200	.300	.260	.05		Polypropylene Film	3		285-1362-00	U	.090	CR
560 pF	100	5	.220	.688		.1		Polypropylene Film	1		285-1418-00		.920	CR
680 pF	1500	10	.200	1.040	.560	.0003		Polypropylene Film	3	Y	285-1329-00		.260	CR
1000 pF	100	1	.250	.812		.1		Polystyrene Film	1		285-0597-00		1.100	CR
1000 pF	100	5	.200	.300	.260	.05		Polypropylene Film	3	Y	285-1344-00	U	.092	CR
1000 pF	100	5	.220	.688		.1		Polypropylene Film	1		285-1419-00		.850	CR
1000 pF	100	10	.343	.812		.1		Polystyrene Film	1		285-0659-00		.400	CR
1000 pF	100	10	.200	.531		1.		Polyester Film	1	Y	285-0862-00		.120	CR
1000 pF	200	5	.187	.620		.3		Metalized Polycarbonate	1		285-0918-00	U	.580	CR
1000 pF	600	20	.190	.844		1.		Polyester Film	1		285-0501-00		.140	CS
1000 pF	1000	20	.327	1.015		1.		Polyester Film	1		285-0502-00			OB
1000 pF	2000	10	.197	1.043	.551			Polypropylene Film	3		285-1439-00	U		EN
1000 pF	6 kV	10	.320	1.632		1.		Metalized Polyester	1		285-1154-00		.563	CR
1000 pF	8 kV	10	.360	2.100		1.		Metalized Polyester	1		285-1136-00	U	.815	CS
1000 pF	10 kV	20	.650	1.850		1.		Paper and Mylar	1		285-1157-00			DL
1200 pF	4 kV	10	.300	1.200		1.		Met. Polyester Film	1		285-1040-00		.590	CR
1200 pF	200	10	.250	.562		.1		Metalized Polypropylene	1		285-1220-00		.710	CR
1200 pF	1500	5	.256	.709	.551			Metalized Polypropylene	3		285-1414-00			DL
1500 pF	100	5	.108	.296	.335	1.		Metalized Polyester	3	Y	285-1346-00		.160	CR
1500 pF	100	10	.200	.499		1.		Polyester Film	1	Y	285-0626-00		.300	CR
1500 pF	100	5	.218	.844		.1		Polystyrene Film	1		285-0813-00		.450	CR
1500 pF	250 VAC	10	.154	.532	.296	1.3		Met. Polystyrene or Paper	3		285-1381-00		.230	CR
1500 pF	1000	5	.197	.609	.433			Polyester Film	3		285-1434-00	U	.386	PP
1700 pF	100	5	.200	.499		1.		Polyester Film	1	Y	285-0651-01		.370	CR
2000 pF	1.6 kV	5	1.650	2.313		.1		Met. Polypropylene Film	1		285-1284-00		.240	OT
2200 pF	100	5	.177	.283	.236			Polypropylene Film	3		283-0934-00		.740	CR
2200 pF	100	5	.256	.296	.335	1.		Metalized Polyester	3	Y	285-1345-00		.160	CR
2200 pF	200	5	.187	.500		.5		Metalized Polycarbonate	1		285-0917-00		.660	CR
2200 pF	250 VAC	20	.170	.550	.320	1.5		Met. Polypropylene/Paper	3		285-1192-00 ^c	A	.260	CR
2200 pF	250 VAC	20						Met. Polypropylene/Paper	3	Y	285-1192-01			CR
2200 pF	400	20	.190	.719		1.		Polyester Film	1		285-0543-00		.227	CR
2200 pF	1.6 kV	5	.510	1.360	.570	.1		Polypropylene Film	2		285-1253-00		.245	CR
2700 pF	100	5	.200	.563		1.		Polyester Film	1	Y	285-0889-00		.151	CR
2700 pF	1.6 kV	5	.550	1.300	.740	.1		Polypropylene Film & Foil	2		285-1161-00		.222	CS
3300 pF	100	5	.200	.499		1.		Polyester Film	1	Y	285-0627-00	U	.190	CR
3300 pF	400	20	.229	.719		1.		Polyester Film	1		285-0546-00		.200	CS
3300 pF	200	1	.220	.562		.1		Metalized Polypropylene	1		285-1224-00		1.060	CR

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For a listing of Machine Insertable parts, see page 12-8.

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PLASTIC (cont)

Capacitance @ 1 kHz, 25°C	Volts	Tol ± %	Maximum Body Dia/Width (Inch)	Maximum Body Length (Inch)	Maximum Body Height (Inch)	DF % @ 1 kHz, 25°C	Ripple Current (A)	Other	Fig	MI ^a	Part Number	Codes ^b		
												ND	Cost	ST
3300 pF	200	1						Metalized Polypropylene	1	Y	285-1224-01			CR
3300 pF	2 kV	5	.671	1.343		.05	3. RMS	Met. Polypropylene Film	1		285-1368-00			OB
3300 pF	400	5	.230	.450		1.		Met. Polyester Film	1		285-1073-00		.530	CR
3300 pF	600	10	.265	.481		.1		Polypropylene Film	1	Y	285-1095-00		.360	CR
3300 pF	1.6 kV	5	.550	1.300		.1		Met. Polypropylene Film	2		285-1316-00		.269	CS
3300 pF	1.2 kV	5	.510	1.360	.550	.1		Polypropylene	1		285-1208-00		.814	CS
3900 pF	200	5	.200	.500		.3		Metalized Polycarbonate	1		285-1234-00		.610	CR
4700 pF	63	5	.177	.290	.236				2		285-1420-00		.165	EN
4700 pF	100	5	.200	.594		1.		Polyester Film	1	Y	285-0643-00		.190	CR
4700 pF	100	10	.200	.530		1.		Polyester Film	1	Y	285-0699-00		.320	CR
4700 pF	250	20	.200	.531	.413	1.3		Met. Polyester or Paper	3	Y	285-1382-00 ^c		.740	CR
4700 pF	400	10	.234	.750		1.		Polyester Film	1		285-0561-00		1.000	CS
4700 pF	400	20	.229	.781		1.		Polyester Film	1		285-0506-00		.270	CS
4700 pF	600	5	.375	1.625		.1		Polystyrene Film	1		285-0591-00			OB
4700 pF	1.6 kV	5	.600	1.300		.1		Met. Polypropylene Film	2		285-1315-00	A	.232	CS
4700 pF	6 kV	20	.430	1.570		1.		Metalized Polyester Film	1		285-0507-01		1.120	CR
4700 pF	8 kV	10	.543	2.000		1.		Metalized Mylar	1		285-1137-00 ^c		.650	CS
4700 pF	10 kV	20	.540	2.375		1.		Metalized Polyester Film	1		285-1141-00		1.100	CS
5000 pF	200	1	.210	.500		.1		Polypropylene Film	1	Y	285-1062-00		.860	CR
5000 pF	800	5	.302	1.312		.1	2.5 RMS	Metalized Polypropylene	1		285-1311-00		.215	CR
5000 pF	2 kV	5	.530	1.700	.530	.1	.45 RMS	Metalized Polypropylene	2		285-0931-00	U	.390	CR
5600 pF	100	1	.281	.750		.1		Polystyrene Film	1	Y	285-1355-00		1.540	CR
5600 pF	200	10	.195	.530		1.		Polyester Film	1		285-1257-00	U	.127	CS
5600 pF	1000	5	.315	.709	.590			Metalized Polypropylene	3		285-1413-00		.800	PP
6200 pF	100	1	.280	.750		.1		Polystyrene Film	1	Y	285-1354-00		1.540	CR
6200 pF	1.6 kV	5	.563	1.300	.913	.1	1.25 RMS	Met. Polypropylene Film	2		285-1322-00	A	1.600	CR
6800 pF	50	1	.200	.580		.3		Metalized Polycarbonate	1		285-1312-00			DL
6800 pF	100	10	.269	.875		1.		Polyester Film	1	Y	285-0685-00		.350	CR
6800 pF	250	1	.180	.420	.320	.3		Metalized Polycarbonate	3		285-1390-00		3.900	CR
6800 pF	5 kV	20	.500	1.570		1.		Metalized Polyester Film	1		285-0509-01		.530	CR
6800 pF	5 kV	20			.600	.1		Metalized Polyester Film	1	Y	285-0509-02			CR
6800 pF	1.2 kV	5	.600	1.360		.1		Polypropylene	2		285-1173-00		.818	CS
7500 pF	2.75 kV	5	1.000	1.910		.1		Polypropylene Film & Foil w/Terminal	1		285-1151-00			DL
8200 pF	100	5	.200	.499		1.		Polyester Film	1	Y	285-0698-00		.340	CR
.01 μF	63	10	.100	.300	.300	1.		Metalized Polyester	3		285-1256-00		.068	CR
.01 μF	63	10	.105	.300	.300	1.		Metalized Polyester	3	Y	285-1340-00		.133	CR
.01 μF	100	1	.280	.500		.01		Polypropylene Film	1		285-1426-00		2.700	CR
.01 μF	100	1	.281	.938		.1		Polystyrene Film	1	Y	285-0596-00		1.600	CR
.01 μF	100	5	.187	.594		1.		Polyester Film	1	Y	285-0598-00		.360	CR
.01 μF	100	5	.230	.660		.3		Metalized Polycarbonate	1		285-0916-00		.780	CR
.01 μF	100	10	.190	.450		1.		Polyester Film	1	Y	285-0674-00		.450	CR
.01 μF	200	1	.225	.580		.1		Polypropylene Film & Foil	1	Y	285-1142-00		.576	CR
.01 μF	200	1	.230	.450		1.		Metalized Polyester	1	Y	285-1049-00		.760	CR
.01 μF	200	10	.200	.610		1.		Polyester Film	1	Y	285-0695-00		.370	CR
.01 μF	200	20	.219	.782		1.		Polyester Film	1		285-0569-00	U	.130	CR
.01 μF	200	20	.230	.475		.1		Metalized Polypropylene	1		285-1237-00		.600	CR
.01 μF	250	1	.180	.420	.320	.3		Metalized Polycarbonate	3		285-1388-00		3.330	CR
.01 μF	250	20	.210	.730	.415	1.5		Met. Polypropylene/Paper	3		285-1196-00 ^c	A	.315	CR
.01 μF	250	20						Met. Polypropylene/Paper	3	Y	285-1196-01			CR
.01 μF	400	5	.250	.730		.3		Metalized Polycarbonate	1		285-0879-00		.680	CR
.01 μF	400	10	.177	.520	.360	.1		Metalized Polypropylene	3		285-1245-00		.370	CR
.01 μF	400	20	.321	.906		1.		Polyester Film	1		285-0604-00		.280	CS
.01 μF	400	20	.296	.844		1.		Polyester Film	1		285-0510-00			OB
.01 μF	600	20	.280	.580		1.		Metalized Polyester Film	1	Y	285-1065-00		.360	CR
.01 μF	600	20	.312	.875		1.		Polyester Film	1		285-0646-00			OB
.01 μF	600	20	.421	.969		1.		Polyester Film	1		285-0511-00			OB
.01 μF	1600	5	.790	1.350	.900	.1		Metalized Polypropylene	2		285-1090-00		.490	CR
.01 μF	2 kV	5	.500	1.230	.944	.0003		Polypropylene	3		285-1328-00		.843	CR
.01 μF	3 kV	20	.400	1.400		1.		Metalized Polyester Film	1		285-1255-00		.530	CR

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PLASTIC (cont)

Capacitance @1 kHz, 25°C	Volts	Tol ± %	Maximum Body Dia/Width (Inch)	Maximum Body Length (Inch)	Maximum Body Height (Inch)	DF % @ 1 kHz, 25°C	Ripple Current (A)	Other	Fig	MI ^a	Part Number	Codes ^b		
												ND	Cost	ST
.01 μ F	4 kV	20	.500	1.253		1.		Metalized Polyester Film	1		285-1184-00		.510	CR
.01 μ F	4 kV	20	.500	1.253		1.		Metalized Polyester Film	1		285-1184-01		.530	CR
.01 μ F	5 kV	20	.770	1.550		1.		Paper and Mylar	1		285-1159-00			DL
.01 μ F	8 kV	10	.660	2.002		1.		Metalized Polyester Film	1		285-1138-00 ^c		1.130	CR
.01 μ F	10 kV	20	.740	2.375		1.		Metalized Polyester Film	1		285-1140-00		1.100	CS
.012 μ F	1000	5	.700	1.750		.25		TFE/PP, Herm. Sealed	1		285-1191-00		3.400	CS
.015 μ F	100	5	.218	.650		1.		Polyester Film	1		285-0719-00		.230	CR
.015 μ F	100	5	.390	.844		.1		Polystyrene Film	1		285-0814-00		.500	CS
.015 μ F	250	1	.180	.420	.320	.3		Metalized Polycarbonate	3		285-1389-00		3.330	CR
.015 μ F	250 VAC	10	.220	.750	.450	1.5		Met. Polypropylene/Paper	2		285-1259-00 ^c	U	.300	CR
.015 μ F	250 VAC	20	.220	.750	.435	1.3		Met. Polyester/Paper	3		285-1326-00 ^c	A	.360	CR
.015 μ F	400	20	.342	.844		1.		Polyester Film	1		285-0512-00		.162	CS
.015 μ F	400	5	.450	.750	.450	.1	1.5 RMS	Polypropylene Film	2		285-1262-00		.480	CR
.015 μ F	10 kV	20	1.230	3.550		1.		Paper and Mylar	1		285-1158-00			DL
.018 μ F	100	1	.250	1.000		.1		Polystyrene Film	1	Y	285-1353-00		1.560	CR
.018 μ F	600	10	.718	1.937		1.		Polyester Film	1		285-0552-00			OB
.02 μ F	50	1	.200	.580		.3		Metalized Polycarbonate	1		285-1307-00	A	.710	CR
.02 μ F	1000	5	.770	1.700		.1	2.1 Peak	TFE/PP, Herm. Sealed	1		285-0980-00		3.540	CS
.022 μ F	63	10	.105	.300	.300	1.		Metalized Polyester	3	Y	285-1339-00		.121	CR
.022 μ F	100	5	.234	.811		1.		Polyester Film	1		285-0683-00		.210	CR
.022 μ F	200	5	.350	.700		.1	4 Peak	Polypropylene Foil	1		285-1200-00		.720	CR
.022 μ F	200	5	.210	.485		1.		Polyester	1	Y	285-1100-00		.279	CR
.022 μ F	200	10	.210	.485		1.		Polyester	1	Y	285-1101-00		.165	CR
.022 μ F	200	10	.296	.719		1.		Polyester Film	1		285-0566-00		.118	OT
.022 μ F	200	20	.296	.719		1.		Polyester Film	1		285-0636-00			OB
.022 μ F	250	5	.177	.520	.360	.1		Metalized Polypropylene	2		285-1280-00		.114	OT
.022 μ F	250 VAC	20	.335	.730	.565	1.3		Met. Polypropylene/Paper	3		285-1246-00 ^c		.470	CR
.022 μ F	400	20	.245	.625		1.		Metalized Polyester Film	1	Y	285-1236-00	A	.510	CR
.022 μ F	400	20	.340	.721		.1		Polypropylene Film & Foil	1		285-1124-00		.283	CR
.022 μ F	400	20	.162	.517	.359	1.		Metalized Polyester	3		285-1363-00		.100	CR
.022 μ F	400	20	.358	.844		1.		Polyester Film	1		285-0515-00		.230	CR
.022 μ F	600	10	.421	1.219		1.		Polyester Film	1		285-0516-00			OB
.022 μ F	600	20	.270	.580		1.		Metalized Polyester	1		286-1106-00	U	.290	CR
.022 μ F	600	20	.389	1.219		1.		Polyester Film	1		285-0517-00			OB
.022 μ F	8 kV	10	.940	2.000		1.		Metalized Polyester Film	1		285-1202-00		1.736	CS
.027 μ F	100	5	.249	.750		1.		Polyester Film	1		285-0650-00		.230	CR
.027 μ F	100	10	.249	.750		1.		Polyester Film	1		285-0624-00		.220	CS
.027 μ F	1200	20	.820	1.350	1.050	.1		Polypropylene	2		285-1093-00		.893	CR
.03 μ F	900	5	1.015	2.100		.1	3.3 RMS	PP, Herm. Sealed Spade Terminal	1		285-0938-00 ^c	U	3.270	CR
.033 μ F	100	5	.203	.500		.3		Metalized Polycarbonate	1		285-1197-00		2.400	CR
.033 μ F	100	5	.234	.750		1.		Polyester Film	1		285-0702-00		.235	CR
.033 μ F	200	5	.265	.580		.1		Polypropylene	1	Y	285-1104-00	U	.283	CR
.033 μ F	250	10	.177	.520	.360	.1		Metalized Polypropylene	3		285-1242-00		.260	CR
.033 μ F	300	20	.406	.968		1.		Polyester Film	1		285-0628-00		.230	CR
.033 μ F	400	10	.205	.520	.440	.1		Metalized Polypropylene	3		285-1251-00		.290	CR
.033 μ F	400	20	.358	.969		1.		Polyester Film	1		285-0568-00			OB
.033 μ F	600	20	.452	1.094		1.		Polyester Film	1		285-0644-00		.360	CR
.033 μ F	6 kV	10	.800	2.562		1.		Metalized Polyester Film	1		285-1193-00	A	2.210	CR
.039 μ F	100	1	.350	.950		.1		Polystyrene Film	1		285-1352-00		1.750	CR
.04 μ F	900	5	1.015	1.570		1.	5 RMS	PP, Herm. Seal Spade Term.	1		285-1089-00 ^c		5.503	CR
.047 μ F	50	5	.230	.450		.3		Metalized Polycarbonate	1		285-0901-00		.580	CR
.047 μ F	100	1	.350	.950		.1		Polystyrene Film	1		285-1351-00		1.750	CR
.047 μ F	100	2	.462	1.282		.1		Polystyrene Film	1		285-0824-00		1.200	CS
.047 μ F	100	10	.234	.660		.3		Metalized Polycarbonate	1		285-0882-00		.450	CR
.047 μ F	100	20	.315	.750		1.		Polyester Film	1		285-0629-00	U	.170	CR
.047 μ F	200	20	.243	.580		1.		Metalized Polyester Film	1		285-1069-00	U	.500	CR
.047 μ F	200	20	.250	.605		1.		Polyester	1	Y	285-1099-00	N	.226	CR
.047 μ F	400	10	.251	.428	.487	1.		Metalized Polyester	3		285-1430-00		.040	CR

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PLASTIC (cont)

Capacitance @1 kHz, 25°C	Volts	Tol ± %	Maximum Body Dia/Width (Inch)	Maximum Body Length (Inch)	Maximum Body Height (Inch)	DF % @ 1 kHz, 25°C	Ripple Current (A)	Other	Fig	M ^a	Part Number	Codes ^b		
												ND	Cost	ST
.047 μ F	400	20	.340	.580		1.		Metalized Mylar	1		285-1116-00			DL
.047 μ F	400	20	.389	1.000		1.		Polyester Film	1	Y	285-0519-00		.160	CS
.047 μ F	400	20	.389	.969		1.		Polyester Film	1		285-0642-00			OB
.047 μ F	600	10	.380	.830		1.		Metalized Polyester	1		285-1170-00		.450	CS
.047 μ F	600	10	.500	1.250		1.		Polyester Film	1		285-0520-00			OB
.05 μ F	200	1	.250	.580		1.		Metalized Polyester Film	1		285-1066-00		.780	CR
.05 μ F	250	5	.190	.560	.440	1.		Metalized Polyester	3		285-1185-00	N	.120	CR
.055 μ F	400	2	.400	1.125		.1	.3 RMS	Polypropylene Film & Foil	1		285-1230-00		.900	CS
.056 μ F	100	5	.315	.875		1.		Polyester Film	1		285-0684-00		.260	CR
.056 μ F	250	5	.197	.517	.433	1.		Metalized Polyester	3		285-1190-00		.153	CR
.06 μ F	1000	5	.560	1.900		.1	3.5	Metalized Polypropylene	1		285-1205-00		1.120	CR
.068 μ F	100	10	.315	.720		1.		Polyester Film & Foil	1	Y	285-0686-00		.190	CR
.068 μ F	400	5	.436	1.250		1.		Polyester Film	1		285-0937-00			DL
.068 μ F	250 VAC	20	.307	.768	.531	1.5		Met. Polyester or Paper	3		285-1222-00 ^c	A	.350	CR
.068 μ F	250 VAC	20						Met. Polyester or Paper	3	Y	285-1222-01			CR
.082 μ F	100	5	.177	.517	.394	1.		Metalized Polyester	3		285-1188-00		.199	CR
.082 μ F	200	10	.345	.680		.15		Polypropylene Film & Foil	1		285-1119-00	U	.347	CR
.1 μ F	50	1	.234	.503		.3		Metalized Polycarbonate	1		285-1305-00		.780	CR
.1 μ F	50	10	.200	.600		.3		Metalized Polycarbonate	1	Y	285-0808-00		.450	CR
.1 μ F	50	20	.128	.293	.265	1.		Polyester	3		285-1378-00	U	.120	CR
.1 μ F	63	5	.122	.291	.303	1.		Metalized Polyester	3		285-1349-00		.171	CR
.1 μ F	63	10	.127	.300	.303	1.		Metalized Polyester	3	Y	285-1300-01		.138	CR
.1 μ F	100	1	.450	1.300		.1		Polystyrene Film	1		285-1350-00		1.950	CR
.1 μ F	100	1	.460	1.062		.1		Polystyrene Film	1		285-0595-00	U	1.300	CR
.1 μ F	100	2	.234	.690		.3		Metalized Polycarbonate	1		285-1221-00		.650	CR
.1 μ F	100	3	.300	.625		.5		Metalized Mypro	1		285-1134-00		.500	CR
.1 μ F	100	5	.177	.517	.394	1.		Metalized Polyester	3		285-1189-00	U	.199	CR
.1 μ F	100	5						Metalized Polyester	3	Y	285-1189-01			CR
.1 μ F	100	5	.230	.580		1.		Metalized Polyester Film	1		285-1075-00		.480	CR
.1 μ F	100	5	.343	.938		1.		Polyester Film	1		285-0703-00		.250	CR
.1 μ F	100	10	.177	.517	.394	1		Metalized Polyester	3		285-1174-00		.110	CS
.1 μ F	100	20	.179	.285	.375	.008		Metalized Polyester	3		285-1341-00		.146	CR
.1 μ F	100	20	.138	.281	.335	.008		Metalized Polyester	3	Y	285-1341-01		.115	CR
.1 μ F	100	20	.285	.720		1.		Polyester Film	1	Y	285-1102-00		.329	CR
.1 μ F	100	20	.343	.875		1.		Polyester Film	1		285-0622-00		.200	CR
.1 μ F	100	20						Polyester Film	1	Y	285-0622-02			CR
.1 μ F	160	10	.201	.717	.441	.03	.785 RMS	Metalized Polypropylene	3		285-1319-00	A	.360	CR
.1 μ F	160	20	.236	.511	.492	.008		Polyester Film & Foil	3		285-1332-00		.120	CR
.1 μ F	200	20	.343	.969		1.		Polyester Film	1		285-0555-00		.180	CR
.1 μ F	200	1	.300	.580		1.		Metalized Polyester Film	1		285-1050-00		.630	CR
.1 μ F	200	20	.421	1.090		1.		Polyester Film	1		285-0572-00	U	.200	CR
.1 μ F	250 VAC	20	.480	1.162	.750	1.3		Metalized Paper	3		285-1240-00			DL
.1 μ F	400	10	.280	.714	.520	1.	.5 RMS	Metalized Polyester	3		285-1176-00		.160	CS
.1 μ F	400	10	.290	.740	.490	1.		Metalized Polyester Film	2		285-1320-00	U	.421	CS
.1 μ F	400	20	.370	.730		1.		Metalized Polyester Film	1		285-1112-00		.370	CS
.1 μ F	400	20	.467	1.250		1.		Polyester Film	1		285-0526-00		.230	CR
.1 μ F	600	20	.450	1.000		1.		Double-Metalized Mylar	1	Y	285-1077-00		.480	CR
.1 μ F	600	20	.515	1.562		1.		Polyester Film	1		285-0527-00			OB
.1 μ F	600	20	.562	1.625		1.		Polyester Film	1		285-0587-00		.580	CS
.1 μ F	600	20	.687	1.594		1.		Polyester Film	1		285-0528-00		1.730	CS
.1 μ F	1000	5	.800	2.187		.1	8 RMS	Polypropylene Film & Foil	1		285-1183-00 ^c	U	.880	CS
.1 μ F	1000	10	.765	2.265		1.		Polyester Film	1		285-0575-00			OB
.1 μ F	1000	10	.413	1.043	.748	.8	.1 RMS	Metalized Polyester	3		285-1313-00	A	1.740	CR
.12 μ F	200	5	.350	.850		.3		Metalized Polycarbonate	1		285-0930-00		.470	CS
.15 μ F	400	2	.450	1.000		.1	.6	Metalized Polypropylene	1		285-1227-00		1.710	CS
.2 μ F	100	5	.328	.875		1.		Polyester Film	1		285-0621-00			DL
.2 μ F	100	5	.250	.580		1.		Double-Met. Polyester	1	Y	285-1076-00		.610	CR
.2 μ F	2000	20	.890	1.820		1.		Metalized Polyester Film	1		285-1036-00		.930	CR
.22 μ F	35	10	.147	.300	.350	1.		Metalized Polyester	3	Y	285-1348-00		.120	CR
.22 μ F	80	10	.343	.718		1.		Polyester	1		285-1098-00		.300	CR

NOTES: For Cleaning Guidelines, see RESISTOR & CAPACITOR Section in Supplement Catalog (#7).

For a listing of Machine Insertable parts, see page 12-8.

^a Machine insertable.

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^c Safety controlled.

PLASTIC (cont)

Capacitance @ 1 kHz, 25°C	Volts	Tol ± %	Maximum Body Dia/Width (Inch)	Maximum Body Length (Inch)	Maximum Body Height (Inch)	DF % @ 1 kHz, 25°C	Ripple Current (A)	Other	Fig	Mil ^a	Part Number	Codes ^b		
												ND	Cost	ST
.22 µF	100	1	.297	.625		.5		Metalized Mypro	1	Y	285-1130-00		1.150	CR
.22 µF	100	2	.313	.730		.3		Metalized Polycarbonate	1		285-0835-00		.930	CR
.22 µF	100	10	.190	.560	.363	1.		Metalized Polyester	3		285-1241-00		.440	CR
.22 µF	100	10	.276	.517	.453	1.		Metalized Polyester	3		285-1175-00		.167	CR
.22 µF	100	10	.328	.730		.5		Metalized Polycarbonate	1		285-0919-00		.450	CR
.22 µF	100	10	.375	1.252		1.		Polyester Film	1		285-0633-00	U	.310	CR
.22 µF	100	20	.330	.650		.1		Metalized Polypropylene	1		285-1238-00		.550	CR
.22 µF	200	5	.600	1.187		.1	3 RMS	Polypropylene Film & Foil	1		285-1148-00	U	.816	CR
.22 µF	200	10	.391	.850		.3		Metalized Polycarbonate	1		285-0892-00	A	.650	CR
.22 µF	250	10	.399	1.048	.733	1.5		Metalized Polyester	3		285-1323-00 ^c		.970	CR
.22 µF	250	20	.453	.984	.728	1.		Metalized Polyester	2		285-1302-00 ^c		.398	CR
.22 µF	400	10	.480	1.060		.1	.6 RMS	Metalized Polypropylene	1		285-1254-00		.390	CR
.22 µF	400	10	.260	1.070	.610	1.		Metalized Polyester	3		285-1235-00		.676	CR
.22 µF	1000	20	.574	1.062		1.		Metalized Polyester Film	1		285-1283-00		.495	CS
.25 µF	120	10	.437	.875		.1	.15	Metalized Polypropylene	1		285-1122-00		.680	CR
.27 µF	400	5	.500	1.000		.1	3 RMS	Metalized Polypropylene	1		285-1088-00		1.380	CR
.27 µF	400	10	.450	1.200		1.		Met. Polypropylene Film	1		285-1218-00	U	.460	CR
.27 µF	400	10	.500	1.100		.1	2 RMS	Met. Polypropylene Film	1		285-1384-00		1.380	CR
.27 µF	600	20	.921	1.938		1.		Polyester Film	1		285-0700-00			OB
.292 µF	400	2	.550	1.250		.1		Metalized Polypropylene	1		285-1211-00		1.800	CS
.33 µF	50	5	.270	.656		.3		Metalized Polycarbonate	1	Y	285-0905-00		.570	CR
.33 µF	100	1	.343	.750		.5		Metalized Mypro	1		285-1133-00		1.600	CR
.33 µF	100	5	.350	.850		.3		Metalized Polycarbonate	1		285-0929-00			DL
.35 µF	400	5	.530	1.550		.1	4.5 RMS	Metalized Polypropylene	1		285-1327-00	A		OB
.35 µF	400	2	.780	1.250		.1		Polypropylene Film & Foil	1		285-1214-00		1.120	CS
.39 µF	250	5	.389	1.060		.1	.39 RMS	Met. Polypropylene Film	1		285-1317-00			NP
.47 µF	50	10	.330	.580		1.		Metalized Polyester	1		285-1097-00		.450	CR
.47 µF	50	10	.220	.290	.375	1.		Metalized Polyester	3		285-1301-00	U	.450	CR
.47 µF	50	10	.250	.300	.380	1.		Metalized Polyester	3	Y	285-1301-01		.150	CR
.47 µF	50	10	.250	.300	.443	1.		Metalized Polyester	3		285-1301-02			EN
.47 µF	50	10	.330	.580		1.		Metalized Polyester	1	Y	285-1364-00		.560	CR
.47 µF	100	10	.236	.715	.453	1.		Metalized Polyester	3		285-1187-00	U	.199	CR
.47 µF	100	10	.421	.750		.3		Metalized Polycarbonate	1		285-0898-00		.800	CR
.47 µF	100	20	.531	1.252		1.		Polyester Film	1		285-0623-00		.340	OT
.47 µF	200	5	.700	1.344		.1	2.25	Polypropylene Film & Foil	1		285-1121-00		1.065	CS
.47 µF	200	20	.380	.830		1.		Metalized Polyester Film	1		285-1082-00		.555	CR
.47 µF	400	2	.550	1.100		.1		Metalized Polypropylene	1		285-1309-00		1.050	CR
.47 µF	400	5	.414	1.040	.748	.008		Metalized Polyester	3		285-1331-00		.495	CR
.47 µF	400	20	.725	1.937		1.		Polyester Film	1		285-0562-00		.430	CR
.47 µF	600	20	.700	1.500		1.		Metalized Polyester Film	1		285-1210-00 ^c		.770	CR
.47 µF	1000	20	1.171	2.094		1.		Polyester Film	1		285-0787-00	U	1.280	CR
.5 µF	50	10	.415	1.155		.1		Polypropylene, Herm. Sealed	1		285-1139-00		2.320	CR
.5 µF	200	1	.410	.830		1.		Metalized Polyester Film	1		285-1067-00		.710	CR
.5 µF	200	10	.430	1.500		.1		Met. PP, Herm. Sealed	1		285-1118-00	U	2.300	CR
.5 µF	400	20	.520 x .700	1.313		.3		Metalized Polycarbonate	1		285-0537-00	U	1.040	CR
.5 µF	450	5	.500	1.563		.3		Metalized Polycarbonate	1		285-0900-00		1.900	CR
.56 µF	200	10	.500	1.030		.1		Metalized Polypropylene	1		285-1031-00		.760	CR
.56 µF	250	10	.975	1.700	.975	.1		Polypropylene	2		285-1172-00		1.090	CS
.6 µF	150	-0 +30	.750	1.750		1.		Polyester Film	1		285-0922-00		.310	CS
.6 µF	250 VAC	20	.620	1.300	.900	1.3		Metalized Paper	3		285-1260-00 ^c	U	1.290	CR
.66 µF	200	5	.548	1.312		.1	5.3 RMS	Metalized Polypropylene	1		285-1310-00		.762	CR
.66 µF	400	5	.750	1.500		.1		Metalized Polypropylene	1		285-1215-00			DL
.068 µF	250	5	.276	1.043	.650			Metalized Polypropylene	3		285-1412-00		1.480	PP
.68 µF	320 VAC	20	.765	1.843		.3		Metalized Polypropylene			285-1086-00		3.430	CS
.82 µF	200	5	1.250	1.187		.1	1 Peak	Polypropylene Film & Foil	1		285-1147-00	U	.650	CR
.82 µF	200	5	.578	1.125		.1		Metalized Polypropylene	1		285-0986-00		1.180	CS
.82 µF	400	5	.750	1.500		.1	1.3 RMS	Metalized Polypropylene	1		285-1228-00	U	1.040	CS
1. µF	50	1	.359	.750		.3		Metalized Polycarbonate	1		285-1306-00	U	1.057	CR
1. µF	50	2	.370	.580		.3		Metalized Polycarbonate	1		285-1056-00		.900	CR

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For a listing of Machine Insertable parts, see page 12-8.

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PLASTIC (cont)

Capacitance @1 kHz, 25°C	Volts	Tol ± %	Maximum Body Dia/Width (Inch)	Maximum Body Length (Inch)	Maximum Body Height (Inch)	DF % @ 1 kHz, 25°C	Ripple Current (A)	Other	Fig	MI ^a	Part Number	Codes ^b		
												ND	Cost	ST
1. μ F	50	5	.370	.750	.460	.3		Metalized Polycarbonate	1		285-0983-00			OB
1. μ F	50	10	.245	.300		1.		Metalized Polyester	3	Y	285-1338-00		.619	CR
1. μ F	50	10	.330	.580		.3		Metalized Polycarbonate	1	Y	285-1365-00		.810	CR
1. μ F	50	10	.340	.730		1.		Metalized Polyester	1		285-1096-00		.410	CR
1. μ F	50	10	.375	.790		.3		Metalized Polycarbonate	1		285-0809-00		.650	CR
1. μ F	100	5	.453	.875		.3		Metalized Polycarbonate	1		285-0815-00			OB
1. μ F	100	10	.610	1.625		1.		Polyester Film	1		285-0576-00		.420	CR
1. μ F	100	10	.310	.820		.1	2 RMS	Polypropylene Film & Foil	1		285-1383-00		.860	CR
1. μ F	200	1	.460	1.000		1.	4	Metalized Polyester Film	1		285-1051-00		.840	CR
1. μ F	200	10	.625	1.125		.3	2 RMS	Metalized Polycarbonate	1		285-0893-00		1.460	CR
1. μ F	200	20	.460	1.000		1.		Metalized Mylar	1		285-1123-00		.680	CR
1. μ F	200	10	.609	1.250		.1	2 RMS	Polypropylene Film	1		285-1261-00	A	1.250	CR
1. μ F	250	20	.350	1.050	.736	.3	2 RMS	Metalized Polycarbonate	3		285-1337-00			DL
1. μ F	400	5	.607	1.440		1.		Metalized Polyester Film	1		285-1219-00		.950	CR
1. μ F	400	10	.433	1.240	.827				2		285-1421-00		2.065	CR
1. μ F	400	10	.521	1.440		1.		Polyester Film	1		285-0014-00	A	.860	CS
1. μ F	400	10	.660	1.200		1.		Polyester Film	1		285-0932-00		.900	CR
1. μ F	400	10	.708	1.220	.925	.2	7 RMS	Met. Polypropylene Film	3		285-1325-00	A	.830	CR
1. μ F	400	10	.875	2.000		.1	3.5 RMS	Polypropylene Foil	1		285-1177-00		1.250	CS
1. μ F	450	10	.705	1.600		.1		Metalized Polypropylene	1		285-1177-01		1.250	CR
1.33 μ F	200	5	.700	1.312		.1	2.8 RMS	Met. Polypropylene Film	1	Y	285-1217-00		.910	CR
1.5 μ F	400	20	.610	1.300	1.100	.3	2 RMS	Metalized Polycarbonate	3		285-1336-00		1.380	CR
1.7 μ F	200	10	.540	1.745		1.		Polyester Film	1		285-0924-00		.750	CR
1.84 μ F	400	5	.900	2.000		.1	1.7 RMS	Metalized Polypropylene	1		285-1229-00	U	1.380	CS
2. μ F	100	5	.500	1.220		.3		Metalized Polycarbonate	1		285-1048-00		.600	CR
2. μ F	200	10	.800	1.500		.1	2 RMS	Metalized Polypropylene	1	Y	285-1171-00	U	3.174	CR
2. μ F	400	10	.562	1.820		1.		Polyester Film	1		285-0933-00		.780	CR
2. μ F	400	10	.750	2.300		.1		Metalized Polypropylene	1		285-0981-00 ^c	A	1.450	CR
2. μ F	400	10	1.063	2.375		.3		Metalized Polycarbonate	1		285-0890-00			OB
2. μ F	500	10	.800	3.300		1.		Polyester Film & Foil	1		285-1152-00		1.400	CR
2.2 μ F	200	10	.580	1.562		1.	5	Polyester Film	1		285-0934-00		.740	CR
2.2 μ F	250	10	.500	1.125	.800	1.	3 RMS	Metalized Polyester	1		285-1278-00		1.270	CR
2.2 μ F	250	20	.441	1.250	.835	.3	2 RMS	Metalized Polycarbonate	3		285-1347-00		1.030	CR
2.2 μ F	400	20	.700	1.300	1.400	.3	4 RMS	Metalized Polycarbonate	3		285-1380-00		4.420	PP
2.6 μ F	200	10	.812	1.600		.1	2.5 RMS	Metalized Polypropylene	1		285-1226-00		1.620	CR
3. μ F	50	5	.460	.875		.5		Metalized Polycarbonate	1		285-0913-00		1.400	CR
3. μ F	50	5	.460	.960		.5		Met. Polycarbonate Film	1		285-1143-00		1.760	CR
3. μ F	400	10	1.000	2.100		1.	2.7 RMS	Metalized Polycarbonate	1		285-0939-00 ^c	U	3.400	CR
3.3 μ F	200	10	.562	1.812		1.	1 RMS	Metalized Polyester Film	1		285-0925-00 ^c	U	.950	CR
3.6 μ F	200	10	.749	1.750		1.		Metalized Polyester Film	1		285-1047-00		.990	CS
4. μ F	200	10	.970	1.560		.1	8 RMS	Metalized Polypropylene	1		285-1203-00 ^c	U	1.220	CR
4.4 μ F	200	10	.562	1.812		1.		Metalized Polyester Film	1		285-0935-00		2.580	CR
4.7 μ F	250	20	.700	1.300	1.400	1.5		Metalized Polycarbonate	3		285-1379-00		3.560	PP
5. μ F	50	5	.563	1.350		.3		Metalized Polycarbonate	1		285-0894-00	U	1.650	CR
5. μ F	200	10	.733	2.313		1.		Metalized Polyester Film	1		285-1026-00		1.290	CS
5. μ F	200	1	.660	1.750		1.		Metalized Polyester Film	1		285-1068-00		1.650	CR
5. μ F	400	10	1.109	2.375		.1	6 RMS	Metalized Polypropylene	1		285-1164-00 ^c		1.883	CR
10. μ F	100	1	.680	1.220		1.		Double-Met. Polyester	1		285-1052-00		3.750	CR
10. μ F	100	20	.680	1.220		1.	3 RMS	Polyester	1		285-1153-00	U	5.700	CR
20. μ F	200	10	1.230	1.950		.75		Metalized Mylar	1		285-1120-00		2.850	CS

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MACHINE INSERTABLE

AXIAL LEAD

PLASTIC

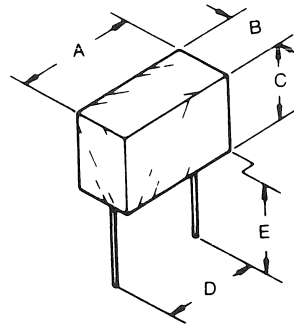
Capacitance	Tolerance ± %	Volts	Part Number
220 pF	5	100	285-1342-00
330 pF	5	100	285-1343-00
680 pF	10	1500	285-1329-00
1000 pF	5	100	285-1344-00
1000 pF	10	100	285-0862-00
1500 pF	5	100	285-1346-00
1500 pF	10	100	285-0626-00
1700 pF	5	100	285-0651-01
2200 pF	5	100	285-1345-00
2200 pF	20	250	285-1192-01
2700 pF	5	100	285-0889-00
3300 pF	1	200	285-1224-01
3300 pF	5	100	285-0627-00
3300 pF	10	600	285-1095-00
4700 pF	5	100	285-0643-00
4700 pF	10	100	285-0699-00
4700 pF	20	250	285-1382-00
5000 pF	1	200	285-1062-00
5600 pF	1	100	285-1355-00
6200 pF	1	100	285-1354-00
6800 pF	10	100	285-0685-00
6800 pF	20	5000	285-0509-02
8200 pF	5	100	285-0698-00
.01 μF	1	100	285-0596-00
.01 μF	1	200	285-1049-00
.01 μF	1	200	285-1142-00
.01 μF	5	100	285-0596-00
.01 μF	5	100	285-0598-00
.01 μF	10	63	285-1340-00
.01 μF	10	100	285-0674-00
.01 μF	10	200	285-0695-00
.01 μF	20	250	286-1196-01
.01 μF	20	600	286-1065-00
.018 μF	1	100	285-1353-00
.022 μF	5	200	285-1100-00
.022 μF	10	63	285-1339-00
.022 μF	10	200	285-1101-00
.022 μF	20	400	285-1236-00
.033 μF	5	200	285-1104-00
.047 μF	20	200	285-1099-00
.047 μF	20	400	285-0519-00
.068 μF	10	100	285-0686-00
.068 μF	20	250	285-1222-01
.1 μF	5	100	285-1189-01
.1 μF	10	50	285-0808-00
.1 μF	10	63	285-1300-01
.1 μF	20	100	285-1102-00
.1 μF	20	100	285-1341-01
.1 μF	20	100	285-0622-02
.1 μF	20	600	285-1077-00

Capacitance	Tolerance ± %	Volts	Part Number
.2 μF	5	100	285-1076-00
.22 μF	10	35	285-1348-00
.22 μF	1	100	285-1130-00
.33 μF	5	50	285-0905-00
.47 μF	10	50	285-1301-01
.47 μF	10	50	285-1364-00
1. μF	10	50	285-1338-00
1. μF	10	50	285-1365-00
1.33 μF	5	200	285-1217-00
2. μF	10	200	285-1171-00

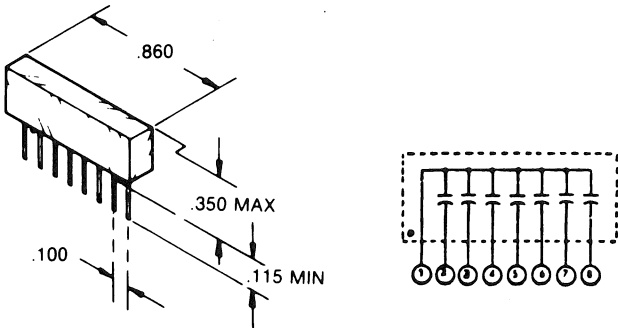
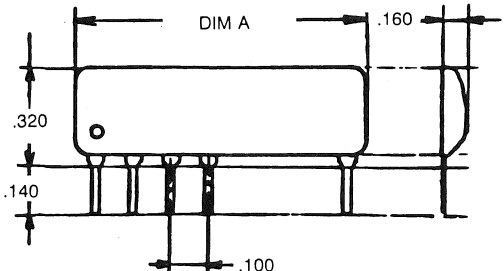

Other axial lead parts may be machine inserted provided they meet the following minimum requirements:

1. Lead diameter is at least .019 but not greater than .032 inch.
2. Body diameter does not exceed .335 inch.
3. Body length does not exceed .675 inch.

CAPACITOR RESISTOR NETWORKS



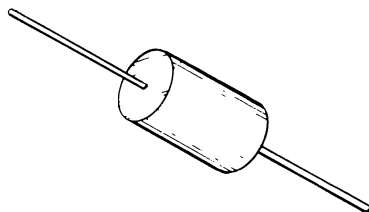
Resistance Capacitance /Value	Tolerance ± %	Voltage Rating	Max. Dim. A	Max. Dim. B	Max. Dim. C	Min. Dim. D	Min. Dim. E	Part Number	Codes ^a		
									ND	Cost	ST
.1 μ F @ 25°C, 1 kHz 22. Ω	20 10	250 VAC	1.090	.440	.630	.870	.750	119-1168-00 ^b	A	.940	CR
.5 μ F @ 25°C, 1 kHz 22. Ω	10 10	250 VAC	1.280	.630	.865	.870	.750	285-1244-00 ^b		1.390	CR
.1 μ F @ 25°C, 1 kHz 100. Ω	20 30	250 VAC	1.250	.417	.637	.980	1.180	119-1939-00 ^b	A	1.460	CR

																			
																			
Capacitance Value	Tol ± %	Temperature Char/Coef.	Voltage Rating	Pins	Part Number	Codes ^a			Capacitance Value	Tol ± %	Temperature Char/Coef.	Voltage Rating	Pins	Dim A	Part Number	Codes ^a			
						ND	Cost	ST								Cost	ST		
7 - 330 pF @ 25°C, 1 kHz	20	NPO	50 VDC	8	283-0487-00		1.400	CR	.22 μF (4)	+80 -20	Y5V	25 VDC	8	.850	283-1003-00	.930	PP		
.001 μF @ 25°C, 1 kHz	10	X7R	50 VDC	8	283-0837-00	A	1.300	CR	.22 μF (7)	+80 -20	Y5V	25 VDC	14	1.450	283-1004-00	1.420	PP		

^a The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

^b Safety controlled.

PLASTIC DIELECTRIC, TEKMADE



Capacitance	Voltage Rating WVDC	Tol ± %	Max D.F %	Dielectric Strength	Case Type	Dia (Inch)	Body Length (Inch)	Part Number	Codes ^a		
									ND	Cost	ST
304.	pF	500	1.75			.233	.500	285-1247-00		3.310	CR
450.	pF	400	3.		Shell	.345	.562	285-0877-00		1.517	CR
482.5	pF	400	3.5		Tube	.320	1.000	285-0723-00			OB
898.	pF	400	1.5		Shell	.346	1.000	285-0831-01		14.320	CS
900.	pF	400	3.5		Shell	.342	.937	285-0743-00		1.968	CR
900.	pF	400	3.		Shell	.312	.688	285-0909-01			DL
900.	pF	400	3.5		Tube	.320	.562	285-0777-00		.854	CR
905.	pF	400	3.5		Tube	.346	1.000	285-0831-00			OB
950.	pF	400	3		Shell	.312	.688	285-0909-00			OB
950.	pF	400	3.		Shell	.320	.562	285-0754-05		1.344	CS
975.	pF	400	3.		Tube	.312	.562	285-0754-04			DL
980.	pF	400	3.		Tube	.312	.562	285-0754-03			OB
985.	pF	100	3.		Shell	.345	.562	285-0947-01		1.081	CR
995.	pF	100	1.5		Shell	.312	.562	285-0947-00		1.107	OT
995.	pF	400	3.5		Tube	.312	.562	285-0754-01		1.359	CS
997.	pF	400	3.5		Tube	.313	1.000	285-0881-00			OB
998.	pF	100	3.		Tube	.345	.562	285-0947-02		1.081	CR
1000.	pF	400	3.		Tube	.346	.562	285-0754-02			DL
1000.	pF	400	3.5		Tube	.313	1.000	285-0641-00			OB
1000.	pF	400	3.5		Tube	.320	1.000	285-0669-00			OB
1000.	pF	400	3.5		Tube	.320	.562	285-0754-00		1.159	OS
1000.	pF	400	3.5		Tube	.322	1.000	285-0707-00			OB
3000	pF	300	1.75		Tube	.233	.500	285-1248-00		3.420	CR
4000.	pF	400	2.		Tube	.320	.562	285-0865-00			OB
4950.	pF	200	3.		Shell	.345	.562	285-0876-00		1.590	CS
5075.	pF	400	3.5		Tube	.320	1.000	285-0722-01			OB
9900.	pF	50	3.		Shell	.312	.688	285-0908-01			DL
9900.	pF	100	3.5		Tube	.316	.562	285-0780-00		1.083	CR
9900.	pF	300	3.5		Tube	.406	1.000	285-0830-00			OB
9950.	pF	50	3.		Shell	.312	.688	285-0908-00			OB
9950.	pF	100	3.		Tube	.320	.562	285-0753-05		1.044	CS
9970.	pF	300	3.5		Shell	.409	1.000	285-0680-00			OB
.01	μF	50	3.		Shell	.312	.812	285-0908-02		2.325	CS
.01	μF	100	3.5		Tube	.320	.562	285-0753-00		2.400	CR
.01	μF	100	.25		Tube	.320	.562	285-0753-03			OB
.01	μF	100	3.		Tube	.312	.562	285-0753-01		5.630	CS
.01	μF	100	3.		Tube	.312	.562	285-0753-04		1.691	CS
.01	μF	300	3.5		Tube	.406	1.000	285-0640-00			OB
.01	μF	400	3.5		Tube	.320	1.000	285-0668-00		1.680	CS
.01005	μF	100	3.		Tube	.346	.562	285-0753-06		1.335	CS
.0185	μF	500	10.		Shell	.173	1.229	285-0841-00		2.678	CS
.019	μF	600	10.		Shell	.313	.688	285-0816-00			DL
.019	μF	600	10.		Shell	.312	.688	285-0816-03		1.663	CS
.019	μF	600	10.		Shell	.312	.688	285-0816-01		3.450	CR
.019	μF	600	10.		Shell	.312	.688	285-0816-02		2.502	CS
.019	μF	600	10.		Shell	.312	.562	285-1132-00		3.380	CR
.019	μF	600	10.		Shell	.312	.688	285-0816-04		3.960	CR
.019	μF	600	10.		Shell	.312	.812	285-0738-00			OB
.019	μF	600	10.		Tube	.312	.562	285-1132-01		2.220	CR
.019	μF	600	10.		Tube	.312	.562	285-1132-02		4.210	CR
.019	μF	600	10.		Tube	.312	.687	285-0738-01			OB
.02	μF	1000	10.		Tube	.420	1.312	285-0997-00		3.850	CR
.025	μF	25	1.		Shell	.304	1.000	285-1145-00		1.428	CS
.026	μF	100	1.75		Tube	.312	.563	285-1249-00		2.680	CR
.04	μF	50	2.		Tube	.320	1.000	285-0864-00			OB

^a The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

PLASTIC DIELECTRIC, TEKMADE (cont)

Capacitance (μ F)	Voltage Rating WVDC	Tol \pm %	Max D.F. %	Dielectric Strength	Case Type	Dia (Inch)	Body Length (Inch)	Part Number	Codes ^a		
									ND	Cost	ST
.04	600	+5 -15	.4	Impregnated Polycarbonate w/Sleeve	Tube	.322	1.375	285-0708-00		.612	CS
.05	25	.1	.2	Polystyrene w/Sleeve	Tube	.406	1.000	285-0689-01		5.580	CS
.05	50	2.			Tube	.345	.687	285-0558-00		2.650	CR
.05	100	3.	.4	Impregnated Polycarbonate w/Sleeve	Shell	.345	.687	285-0857-00		1.482	CS
.05	400	2.	.4	Dry Polycarbonate	Tube	.406	1.000	285-0758-01		3.570	CS
.05	400	5.	.4	Dry Polycarbonate w/Sleeve	Tube	.404	1.000	285-0756-00			OB
.05	400	2.		Dry Polycarbonate	Tube	.404	1.000	285-0758-00		1.179	CS
.05	400	.25	.4	Dry Polycarbonate w/Sleeve	Tube	.404	1.000	285-0756-01		3.630	CR
.05	400	3.5	.4	Dry Polycarbonate	Tube	.406	1.000	285-0721-01			OB
.099	100	3.5	.4	Dry Polycarbonate w/Sleeve	Tube	.400	1.000	285-0781-02			DL
.1	35	3.5	.2	Polystyrene	Tube	.406	1.000	285-0676-00			DL
.1	35	3.5	.2	Polystyrene w/Sleeve	Tube	.406	1.000	285-0676-01		3.090	CR
.1	100	3.5	.4	Impregnated Polycarbonate	Tube	.406	1.000	285-0663-00		.958	CS
.1	100	3.	.9	Metalized Dry Polycarbonate	Tube	.359	.687	285-0891-00		2.858	CS
.1	100	3.5	.4	Dry Polycarbonate	Tube	.404	1.000	285-0781-00		.315	CR
.1	100	3.5	.4	Dry Polycarbonate	Tube	.406	1.000	285-0667-00			OB
.1	100	3.5	.4	Dry Polycarbonate w/Plastic Sleeve	Tube	.400	1.000	285-0781-01			DL
.1	100	10.	.1	Metalized Polypropylene	Tube	.306	.580	285-1321-00 ^b			NP
.1	100	3.	.3	Metalized Dry Polycarbonate	Shell	.312	.625	285-0891-01		2.392	CR
.1	100	+1.5 - .25	.9	Met. Dry Polycarbonate w/Sleeve	Shell	.342	.625	285-0891-03		7.030	CR
.1	400	10.	.4	Impregnated Polycarbonate	Tube	.400	.813	285-1025-00		1.329	CS
.1	400	3.	.4	Impregnated Polycarbonate w/Sleeve	Tube	.500	1.125	285-0647-00		3.430	CR
.1	400	3.5	.4	Dry Polycarbonate	Tube	.500	1.125	285-0614-00			OB
.1	400	2.5	.4	Impregnated Polycarbonate	Tube	.502	1.125	285-0710-00			OB
.1	600	+5 -15	.4	Impregnated Polycarbonate	Tube	.567	.813	285-0724-02		5.590	CR
.1	600	10.	.4	Impregnated Polycarbonate	Tube	.500	1.064	285-0657-01		2.043	CS
.1	600	10.	.4	Impregnated Polycarbonate w/Sleeve	Tube	.500	1.125	285-0672-00		1.957	CS
.1	600	3.5	.4	Impregnated Polycarbonate	Shell	.500	1.000	285-0635-00			OB
.1	600	3.5	.4	Impregnated Polycarbonate	Shell	.497	1.062	285-0634-00			OB
.1	600	10.	.4	Impregnated Polycarbonate	Shell	.500	1.125	285-0610-00		2.093	CS
.1	600	10.	.4	Impregnated Polycarbonate w/Sleeve	Shell	.527	1.000	285-0609-00			OB
.1	600	10.	.4	Impregnated Polycarbonate	Shell	.497	1.000	285-0609-01	U	3.920	CR
.1	600	10.	.4	Impregnated Polycarbonate	Tube	.497	1.125	285-0603-00		4.940	CR
.1	600	+5 -15	.4	Impregnated Polycarbonate	Shell	.562	.813	285-0697-00		1.748	CS
.1	600	+5 -15	.4	Impregnated Polycarbonate	Shell	.562	.813	285-0697-01			OB
.1	600	+5 -15	.4	Impregnated Polycarbonate	Shell	.562	.813	285-0697-04			OB
.1	600	+5 -15	.4	Impregnated Polycarbonate w/Sleeve	Shell	.592	.813	285-0697-05			DL
.1	600	+5 -15	.4	Impregnated Polycarbonate	Shell	.562	.813	285-0697-06		4.340	CR
.1	600	+5 -15	.4	Impregnated Polycarbonate w/Sleeve	Shell	.592	.813	285-0751-00			OB
.1	600	+5 -15	.4	Impregnated Polycarbonate	Shell	.562	.813	285-0749-00			OB
.1	600	+5 -15	.4	Impregnated Polycarbonate	Tube	.563	1.000	285-0736-00		2.217	CS
.1	600	10.	.4	Impregnated Polycarbonate w/Sleeve	Shell	.527	1.125	285-0727-00		5.860	CR
.1	600	+5 -15	.4	Impregnated Polycarbonate	Shell	.562	.813	285-0724-00			OB
.2	400	10.	.4	Impregnated Polycarbonate w/Sleeve	Shell	.430	1.312	285-1055-00		13.870	CR
.22	50	2.	.6	Polycarbonate & Mylar	Tube	.503	.680	285-1006-00		8.440	CS
.4	50	2.	.4	Metalized Dry Polycarbonate	Tube	.400	1.062	285-0863-00			OB
.5	50	3.	.9	Metalized Impregnated Polycarbonate	Shell	.312	.937	285-0856-00		3.000	CS
.5	50	20.	.9	Metalized Polypropylene	Tube	.670	1.438	285-1125-00		8.84	CR
.5	100	20.	.9	Metalized Polypropylene w/Sleeve	Tube	.430	1.062	285-1160-00		2.497	CR
.5025	400	3.5	.4	Dry Polycarbonate	Tube	.752	2.500	285-0720-01			OB
1.	25	3.	.9	Metalized Dry Polycarbonate w/Sleeve	Tube	.350	1.375	285-0895-00			DL
1.	35	3.5	.2	Polystyrene	Tube	.750	2.500	285-0840-02		3.670	CS
1.	35	3.5	.2	Polystyrene	Tube	.752	2.500	285-0840-00			OB
1.	35	3.5	.2	Polystyrene w/Sleeve	Tube	.782	2.500	285-0840-01		3.416	CR
1.	35	3.5	.2	Polystyrene	Tube	.752	2.500	285-0671-00			OB
1.	50	3.5	.9	Metalized Dry Polycarbonate	Tube	.400	1.062	285-0782-00		1.807	CR
1.	50	3.5	.9	Metalized Dry Polycarbonate w/Sleeve	Tube	.430	1.062	285-0752-00		5.690	CS
1.	50	3.	.9	Metalized Dry Polycarbonate w/Sleeve	Tube	.406	1.062	285-0752-01		2.666	CS
1.	50	3.5	.9	Metalized Dry Polycarbonate w/Sleeve	Shell	.426	1.000	285-0752-02		2.557	CS
1.	50	3.		Metalized Dry Polycarbonate w/Sleeve	Tube	.406	1.062	285-0752-03		4.650	CR
1.	150	3.5	.9	Impregnated Metalized Polycarbonate	Tube	.562	1.400	285-0709-00			OB
1.	150	3.5	.4	Dry Polycarbonate	Tube	.752	2.500	285-0725-00			OB
1.	400	3.5	.6	Impregnated Mylar	Tube	.752	2.500	285-0706-00			OB
1.	400	3.5	.4	Impregnated Polycarbonate	Tube	.752	2.500	285-0715-00			OB
4.95	50	3.	1.	Metalized Dry Polycarbonate w/Sleeve	Shell	.430	1.312	285-1105-00			DL

^a The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

^b Machine insertable.

PLASTIC DIELECTRIC, TEKMADE (cont)

Capacitance (μ F)	Voltage Rating WVDC	Tol \pm %	Max D.F %	Dielectric Strength	Case Type	Dia (Inch)	Body Length (Inch)	Part Number	Codes ^a		
									ND	Cost	ST
9.95	25	3.5	1.4	Metalized Dry Polycarbonate w/Sleeve	Tube	.592	2.615	285-0784-04		4.021	CR
10.	25	3.5	1.4	Metalized Dry Polycarbonate	Tube	.562	2.615	285-0784-00		3.750	CR
10.	25	3.5	1.4	Metalized Dry Polycarbonate w/Sleeve	Tube	.592	2.615	285-0784-01		4.021	CR
10.	25	3.	1.4	Metalized Dry Polycarbonate w/Sleeve	Tube	.592	1.938	285-1060-00		6.820	CR
10.	25	3.	1.4	Metalized Dry Polycarbonate	Tube	.562	1.938	285-1060-01			DL
10.1	25	3.5	1.4	Metalized Dry Polycarbonate w/Sleeve	Tube	.592	2.625	285-0784-02		4.021	CR
10.1	25	3.	1.4	Metalized Dry Polycarbonate w/Sleeve	Tube	.592	1.938	285-1060-02		3.874	CS

^a The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

TUBULAR SETS

Capacitance μF	Voltage Rating V	Tolerance ± %	Matching Tolerance %	Number of Capacitors & Dielectric Type	Tubular Part Number	Other	Finished Part Number	Codes ^a	
								Cost	ST
10. 1. .1 .01 .001	100 100 100 400 400	3.5	1.	1 Metalized Polycarbonate 1 Impregnated Polycarbonate 1 Impregnated Polycarbonate 1 Impregnated Polycarbonate 1 Impregnated Polycarbonate	291-0045-00 285-0735-00 285-0663-00 285-0664-00 285-0665-00		295-0103-00	29.860	CS
10. 1. .1 .0099 900. pF	25 50 100 100 400	3.5	.75	1 Dry Metalized Aluminum Polycarbonate 1 Dry Metalized Aluminum Polycarbonate 1 Dry Tin Lead Polycarbonate 1 Dry Tin Lead Polycarbonate 1 Dry Tin Lead Polycarbonate	285-0784-00 285-0782-00 285-0781-00 285-0780-00 285-0777-00		295-0115-00	32.240	CR
9.95 1. .1 .01 997. pF	100 35 35 300 400	3.5	.75	1 Impregnated Metalized Polycarbonate 1 Polystyrene 1 Polystyrene 1 Polystyrene 1 Polystyrene	291-0049-00 285-0840-00 285-0676-00 285-0640-00 285-0881-00		295-0122-00		OB
.5 .05 .00495 450. pF	50 100 200 400	3.	1.	1 Impregnated Metalized Polycarbonate 1 Impregnated Polycarbonate 1 Impregnated Polycarbonate 1 Impregnated Polycarbonate	285-0856-00 285-0857-00 285-0876-00 285-0877-00	Sleeving Sleeving Sleeving Sleeving	295-0127-00	17.400	CR
.5 .00495 450. pF	100 200 400	3.	1.	1 Impregnated Polycarbonate 1 Impregnated Polycarbonate 1 Impregnated Polycarbonate	285-0857-00 285-0866-00 285-0877-00	Sleeving Sleeving Sleeving	295-0128-00	12.770	CR
1. .01	50 100	3.	1.	1 Dry Metalized Aluminum Polycarbonate 1 Tin Lead Polycarbonate	285-0752-00 285-0753-01	Sleeving Sleeving	295-0138-00	8.950	CR
1. .01	50 100	3.	1.	1 Dry Metalized Aluminum Polycarbonate 1 Tin Lead Polycarbonate	285-0752-00 285-0753-01	Bent leads Bent leads	295-0138-01	3.872	CS
.0099 900. pF	50 400	3.	1.	1 Polystyrene 1 Polystyrene	285-0908-01 285-0909-01	Sleeving Sleeving	295-0141-00	5.790	CR
10. .1 .001	25 100 400	2.	1	1 Dry Metalized Aluminum Polycarbonate 1 Dry Tin Lead Polycarbonate 1 Dry Tin Lead Polycarbonate	285-0784-01 285-0781-01 285-0754-02	Sleeving Sleeving Sleeving	295-0143-00	17.080	CR
1. .01 .001	50	10.	2.			Purchased	295-0144-00	3.250	CR
1. .01 1. .01	35 50 50 100	3.	.75	1 Polystyrene 1 Polystyrene 1 Dry Metalized Aluminum Polycarbonate 1 Dry Tin Lead Polycarbonate	285-0840-02 285-0908-02 285-0752-01 285-0753-04		295-0147-00	24.330	CS
1. .099 .001	25 100 400	3.	1.	1 Dry Metalized Aluminum Polycarbonate 1 Tin Lead Polycarbonate 1 Tin Lead Polycarbonate	285-0895-00 285-0731-02 285-0754-02	Sleeving Sleeving	295-0148-00	5.564	CR
10. .1 995. pF	25 35 100	3.5	1.	1 Dry Metalized Aluminum Polycarbonate 1 Polystyrene 1 Polystyrene	285-0784-00 285-0676-01 285-0947-00	Sleeving	295-0150-00	6.400	CS
10. 1. .1 .01 .001	25 50 100 100 400	3.	1.	1 Dry Metalized Aluminum Polycarbonate 1 Dry Metalized Aluminum Polycarbonate 1 Tin Lead Polycarbonate 1 Tin Lead Polycarbonate 1 Tin Lead Polycarbonate	285-0784-01 285-0752-00 285-0781-01 285-0753-01 285-0754-02	Sleeving Sleeving Sleeving Sleeving Sleeving	295-0151-00	22.740	CR
.1 .001	100 400	3.	1.	1 Tin Lead Polycarbonate 1 Tin Lead Polycarbonate	285-0781-00 285-0754-00		295-0153-00	2.618	CS
10.1 1. pF .01005	25 25 100	3.	.75	1 Dry Metalized Aluminum Polycarbonate 2 Dry Metalized Aluminum Polycarbonate 2 Tin Lead Polycarbonate	285-0784-02 285-0895-00 285-0753-06	Sleeving Sleeving Sleeving	295-0156-00	13.000	CR
1. .1 998. pF	35 35 100	3.	.75	1 Polystyrene 1 Polystyrene 1 Polystyrene	285-0840-01 285-0676-01 285-0947-02	Sleeving Sleeving Sleeving	295-0157-00	12.760	CR

^a The nominal price (at time of printing) is listed in the cost column. For Status Codes, see tab marked CODES in the back of this catalog.

TUBULAR SETS (cont)

Capacitance μF	Voltage Rating V	Tolerance ± %	Matching Tolerance %	Number of Capacitors & Dielectric Type	Tubular Part Number	Other	Finished Part Number	Codes ^a	
								Cost	ST
1. .01 .001	25 100 400	3.	1.	1 Metalized Aluminum Polycarbonate 1 Tin Lead Polycarbonate 1 Tin Lead Polycarbonate	285-0895-00 285-0753-01 285-0754-02	Sleeving Sleeving Sleeving	295-0159-00	16.560	CS
9.95 .1 998. pF	25 35 100	3.	.75	1 Dry Metalized Aluminum Polycarbonate 1 Polystyrene 1 Polystyrene	285-0784-04 285-0676-01 285-0947-02	Sleeving Sleeving Sleeving	295-0160-00	6.645	CS
10. 1. .1 .01 995. pF	25 25 100 100 400	3.	1.	1 Dry Metalized Aluminum Polycarbonate 1 Dry Metalized Aluminum Polycarbonate 1 Dry Metalized Aluminum Polycarbonate 1 Dry Tin Lead Polycarbonate 1 Dry Tin Lead Polycarbonate	285-0784-01 285-0895-00 285-0891-00 285-0753-01 285-0754-01	Sleeving Sleeving Sleeving Sleeving Sleeving	295-0161-00	30.270	CR
1. .1 .00095 950. pF	50 100 100 400		1.	1 Dry Metalized Aluminum Polycarbonate 1 Dry Metalized Aluminum Polycarbonate 1 Dry Tin Lead Polycarbonate 1 Dry Tin Lead Polycarbonate	285-0752-02 285-0891-01 285-0753-05 285-0754-05	Sleeving Sleeving	295-0162-00	17.930	CR
10. .1 985. pF	25 35 100	3.	.75	2 Dry Metalized Aluminum Polycarbonate 2 Dry Polystyrene 2 Dry Polystyrene	285-0784-01 285-0676-01 285-0947-01	Sleeving Sleeving Sleeving	295-0163-00	13.266	CS
950. pF .01 .1 1. 10.	400 100 100 25 25	3.	.75	1 Dry Tin Lead Polycarbonate 2 Dry Tin Lead Polycarbonate 1 Dry Metalized Aluminum Polycarbonate 2 Dry Metalized Aluminum Polycarbonate 1 Dry Metalized Aluminum Polycarbonate	285-0754-05 285-0753-01 285-0891-00 285-0895-00 285-1060-00	Sleeving Sleeving Sleeving Sleeving Sleeving	295-0164-00	30.710	CR
10. 1. .1 .01 997. pF	25 35 35 300 400	3.	.75	1 Dry Metalized Aluminum Polycarbonate 1 Dry Polystyrene 1 Dry Polystyrene 1 Dry Polystyrene 1 Dry Polystyrene	285-1060-01 285-0840-00 285-0676-00 285-0640-00 285-0881-00		295-0165-00		OB
.5 .05 .00495 450. pF + 1%	50 100 100	1.5	.05	1 Impregnated Met. Al Polycarbonate 1 Impregnated Polycarbonate 1 Impregnated Polycarbonate 1	285-0856-00 285-0857-00 285-0876-00 285-0622-00	Sleeving Sleeving Sleeving Purchased	295-0166-00	22.130	CR
10. .1 898. pF	25 35 400	1.5	.75	1 Dry Metalized Aluminum Polycarbonate 1 Dry Polystyrene 1 Dry Polystyrene	285-1060-01 285-0676-01 285-0831-01	Sleeving Sleeving	295-0172-00	16.860	CR
9.95 .1 985. pF	25 35 100	3.	.75	1 Dry Metalized Aluminum Polycarbonate 1 Dry Polystyrene 1 Dry Polystyrene	285-0784-04 285-0676-01 285-0947-01	Sleeving Sleeving Sleeving	295-0175-00	14.170	CR
.5	50	5.	2.	4 Dry Metalized Aluminum Polycarbonate	285-1103-00	Sleeving	295-0176-00		OB
10. 1. .01	25 50 100	3.	.75	1 Dry Metalized Aluminum Polycarbonate 2 Dry Metalized Aluminum Polycarbonate 2 Dry Polycarbonate	285-1060-01 285-0782-00 285-0753-00	Sleeving	295-0177-00	27.050	CS
4.95 .05	50 100	3.	1.	1 Dry Metalized Aluminum Polycarbonate 1 Impregnated Polycarbonate	285-1105-00 285-0857-00	Sleeving Sleeving	295-0178-00	3.838	CR
1. .01	50 100	3.	.75	1 Dry Metalized Aluminum Polycarbonate 1 Dry Tin Lead Polycarbonate	285-0782-00 285-0753-00		295-0179-00	3.094	CS
10.1 .1 900. pF	25 100 400	3.	.75	1 Dry Metalized Aluminum Polycarbonate 1 Dry Metalized Aluminum Polycarbonate 1 Dry Tin Lead Polycarbonate	285-1060-02 285-0891-00 285-0777-00	Sleeving Sleeving	295-0180-00	16.020	CS
1. .01	50 100	3.	.75	2 Dry Metalized Aluminum Polycarbonate 2 Dry Tin Lead Polycarbonate	285-0782-00 285-0753-00		295-0183-00	6.085	CS
10. .1 900. pF	25 35 400	3.	.75	1 Dry Metalized Aluminum Polycarbonate 1 Dry Polystyrene 1 Dry Polystyrene	285-1060-00 285-0676-01 285-0743-00	Sleeving Sleeving Sleeving	295-0187-00	6.852	CR
10. 1. .1 .01	25 25 100 100	3.	.75	1 Dry Metalized Aluminum Polycarbonate 1 Dry Metalized Aluminum Polycarbonate 1 Dry Metalized Aluminum Polycarbonate 1 Dry Tin Lead Polycarbonate	285-1060-00 285-0895-00 285-0891-00 285-0753-01	Sleeving Sleeving Sleeving Sleeving	295-0190-00	25.320	CR

^a The nominal price (at time of printing) is listed in the cost column. For Status Codes, see tab marked CODES in the back of this catalog.

TUBULAR SETS (cont)

Capacitance μF	Voltage Rating V	Tolerance ± %	Matching Tolerance %	Number of Capacitors & Dielectric Type	Tubular Part Number	Other	Finished Part Number	Codes ^a	
								Cost	ST
1. .1 .01 995. pF	25 100 100 400	1.5	1.	2 Dry Metalized Aluminum Polycarbonate 2 Dry Metalized Aluminum Polycarbonate 2 Dry Polycarbonate 2 Dry Polycarbonate	285-0895-00 285-0891-00 285-0753-01 285-0754-01	Sleeving Sleeving Sleeving Sleeving	295-0191-00	40.420	CR
10. .099 950. pF	25 100 400	1.5	.75	1 Dry Metalized Aluminum Polycarbonate 1 Dry Tin Lead Polycarbonate 1 Dry Tin Lead Polycarbonate	285-1060-00 285-0781-02 285-0754-05	Sleeving Sleeving Sleeving	295-0192-00	15.860	CR
10. 1. .0099 900. pF	25 50 100 400	1.5	.75	1 Dry Metalized Aluminum Polycarbonate 2 Metalized Aluminum Polycarbonate 2 Dry Tin Lead Polycarbonate 2 Dry Tin Lead Polycarbonate	285-1060-01 285-0782-00 285-0780-00 285-0777-00		295-0193-00	21.390	CR
1. .01	50 100	1.5	.75	2 Dry Metalized Aluminum Polycarbonate 2 Dry Tin Lead Polycarbonate	285-0752-00 285-0753-01	Sleeving Sleeving	295-0194-00	15.910	CR
1. .001	50 400	3.	1.	2 Dry Metalized Aluminum Polycarbonate	285-0752-00 285-0754-02	Sleeving Sleeving	295-0195-00	18.370	CR
1. .1 .01 1000.	50 100 100 100	1.	.75	1 Dry Metalized Aluminum Polycarbonate 1 Dry Tin Lead Polycarbonate 1 Dry Tin Lead Polycarbonate	285-0752-00 285-0781-01 285-0753-01 285-0594-01	Sleeving Sleeving Sleeving Sleeving	295-0196-00	16.440	CR
1. .01	50 100	1.5	.75	1 Dry Metalized Polycarbonate 1 Dry Polycarbonate	285-0752-00 285-0753-06	Sleeving Sleeving	295-0197-00	8.500	CR
10. .1 9900.	25 35 50	3.	.75	1 Dry Metalized Polycarbonate 1 Polystyrene 1 Dry Polycarbonate	285-1060-01 285-0676-00 285-0908-01	Sleeving	295-0198-00	12.680	PP
10. .1	25 35	3. 3.5	1.	1 Dry Metalized Polycarbonate 1 Polystyrene	285-1060-00 285-0676-01	Sleeving Sleeving	295-0199-00	4.875	CR

^a The nominal price (at time of printing) is listed in the cost column. For Status Codes, see tab marked CODES in the back of this catalog.

CAPACITOR, FIXED

SELECTED

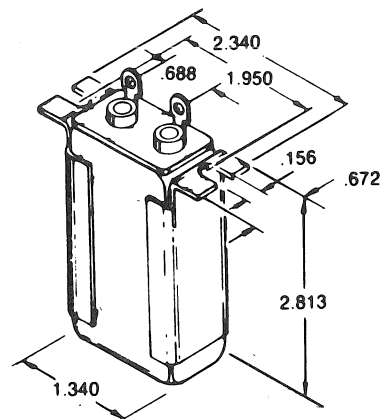
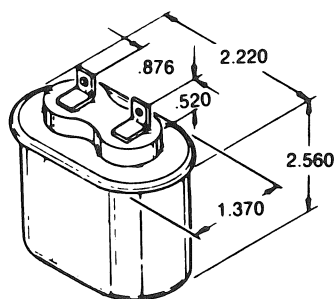
Raw Stock	Quantity	Characteristics Checked	Part Number	Codes ^a		
				ND	Cost	ST
290-0719-00	1 Each	47 μ F \pm 20%, 25 V, Leakage Current 50 nA Maximum @ 5 V + 25°C	290-0719-01			OB
281-0501-00	1 Each	Capacitance Between 4.7 to 5.17 pF	295-0001-00	A		OB
285-0668-00	1 Each	900 pF, .01 μ F, .1 μ F,	295-0074-00	A		OB
283-0527-00	1 Each	Timing Series, a Set of 1 Each Matched within \pm 1% of Each Other				
285-0647-00	1 Each					
283-0527-00	1 Each	10 μ F/250 V, 10 μ F/250 V, Dual Section,	295-0075-00	A		OB
285-0647-00	1 Each	Timing Series, a Set of 1 Each Matched within \pm 3% of Each Other				
285-0668-00	1 Each					
285-0919-00	1 Each	2 μ F + .22 μ F Caps Matched within 1% of 9:1 Ratio	295-0168-00	A		OB
285-1048-00	1 Each					

MATCHED

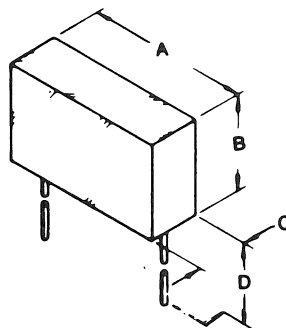
Capacitance μ F	Matched Tolerance \pm %	Components	Part Number	Codes ^a	
				Cost	ST
.1	5.	(2) 285-0528-00	295-0047-00	7.692	CS
.1	1.	(2) 285-0672-00	295-0054-00	4.118	CS
.1	1.	(2) 285-0610-00	295-0081-00		OB
.1	1.	(2) 285-0635-00	295-0094-00		OB
.1	1.	(2) 285-0697-00	295-0105-00		OB
.1	1.	(2) 285-0697-02	295-0105-01		OB
.01	1.	(2) 283-0238-00	295-0111-00	.832	CR
.019	.4	(2) 285-0816-00	295-0116-00	9.700	CR
.1	1.	(2) 285-0657-01	295-0117-00	10.900	CR
.019	.4	(2) 285-0825-00	295-0123-00		OB
.1	1.	(2) 285-0697-05	295-0142-00	13.860	CR
.1	1.	(2) 285-0724-02	295-0155-00	13.000	CR
.001	1.		295-0169-00	3.290	CR
.001	1.				
1.	1.				
505. pF	.75		295-0171-00	6.700	CR
.05	.75				
5.	.75				
4.7	5.		295-0173-00	.420	CR
.1	1.	(2) 285-1025-00	295-0181-00	7.340	CR

^a The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

PAPER



Capacitance	Volts	Tol ± %	DF% @ 60 Hz, 25°C	Part Number	Codes ^a		Capacitance	Volts	Tol ± %	DF % @ 60 Hz, 25°C	Part Number	Codes ^a	
					Cost	ST						Cost	ST
3.75 μ F	236	10.	.6	285-0718-01	6.020	CR	2. μ F	236	10.	.6	285-0588-00	2.990	CS
5. μ F	330	10.	.6	285-1204-00	2.000	CS							



Capacitance	Volts	Tol ± %	DF % @ 1 kHz 25°C	Dimensions				Part Number	Codes ^a		
				A	B	C	D Min.		ND	Cost	ST
.068 μ F	250	20.	1.5	.768	.531	.307	1.100	285-1222-00 ^b	A	.350	CR
.1 μ F	250	20.	1.3	.720	.580	.345	.157	285-1250-00		.195	CR
.15 μ F	250	10.	1.3	.730	.415	.210	1.100	285-1252-00 ^b		.300	CR

NOT ILLUSTRATED

Capacitance	Volts	Tolerance ± %	DF % @ 85°C	Part Number	Codes ^a	
					Cost	ST
.25 μ F	600	10.	1.	285-0675-00	23.000	CR

^a The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

^b Safety controlled.

SECTION 13

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Most 290- part numbers under -0800- can now be purchased in a smaller can size. For part numbers below -0600- very substantial reductions in size can be achieved in a new design part of the same capacitance and manufacture.

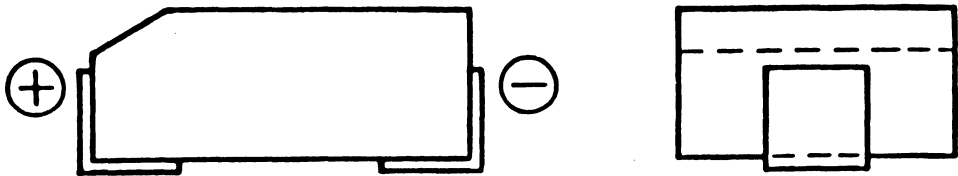
In order to ensure adequate life from an aluminum electrolytic capacitor, the operating voltage and ripple current should be no more than 80% of maximum, and the ambient temperature around the capacitor should be as low as possible. See Supplement Catalog (#7), Resistor & Capacitor Section for more details.

In the Resistor & Capacitor Section of the Supplement Catalog (#7), you will find the following information:

- Application Notes
- Life and Ripple Current
- Temperature Characteristics
- Typical Voltage Characteristics
- Cleaning Guidelines
- Performance Curves

CATALOG WRITER: SANDRA PHILLIPS, 629-3030

ELECTROLYTIC, ALUMINUM
SURFACE MOUNT (LEADLESS)



Capacitance μF @ 120 Hz	Volts	Tolerance ± %	ESR(Ω) ^a DF(%) Max	Maximum Width (mm)	Maximum Length (mm)	Maximum Height (mm)	Part Number	Codes ^b		
								ND	Cost	ST
1. 10.	50 16	20 20	.1% .16%	4.6 7.4	6.4 5.2	2.5 4.5	290-5000-00 ^c 290-5001-00 ^c	N N	.280 .249	CR CR

^a DF and ESR are measured at 120 Hz, +25°C.

^b The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

^c Not recommended for new design. They have a tendency to crack when installed. Tantalums are recommended.

ELECTROLYTIC, ALUMINUM (cont)

LEADED

Capacitance μF @ 120 Hz	Volts	Tol ± %	ESR(Ω) ^a DF(%) Max	Max ^b Dia (Inch)	Max Length (Inch)	Min Lead Length (Inch)	Type ^c	Other	Ripple Current (120 Hz, 85°C)	Ml ^d	Part Number	Codes ^e		
												ND	Cost	ST
1.	25	20	20%	.401	1.004	1.500	6	Non-polar			290-0289-00		.486	CR
1.	50	20	30%	.217	.512	.218	5	Non-polar			290-0778-00	A	.035	CR
1.	50	20	30%	.217	.512		5	Non-polar	39 mA	Y	290-0778-01		.043	CR
1.	50	+ 50-20	10%	.216	.473	.218	5		10 mA RMS		290-0891-00	X	.039	CR
1.	50	20	165 Ω	.216	.551		6		11 mA RMS	Y	290-1127-00		.099	CR
1.	160	+ 50-10	15%	.276	.567	1.500	6	Foil		Y	290-0164-00	U	.129	CR
1.	250	+ 75-10	20%	.335	.740	1.375	6				290-0763-00		.181	CR
1.	350	+ 75-10	20%	.414	.680	.500	5		10 mA RMS	Y	290-0852-00	U	.101	CR
1.	450	+ 50-10	15%	.593	1.312	2.500	6				290-0397-00		.800	CR
2.	25	+ 75-10	19%	.282	.624	1.500	6				290-0121-00		.360	CR
2.	150	+ 50-10	15%	.336	.811	1.500	6		20 mA RMS		290-0159-00		.218	CR
2.2	100	20	60.2 Ω	.215	.493		5		31 mA	Y	290-1131-00		.056	CR
2.2	160	+ 50-10	20%	.335	.582	.218	5			Y	290-0766-00		.055	CR
2.2	160	20	113.1 Ω	.335	.512		5		19 mA (20°C)	Y	290-0766-02		.073	CR
2.2	160	20	113.1 Ω	.335	.512		5		19 mA (20°C)	Y	290-0776-02			DL
2.2	200	+ 50-10	20%	.414	.681	.218	5				290-0758-00		.194	CR
3.3	160	+ 75-10	20%	.335	.865	1.375	6				290-0744-00		.075	CR
3.3	350	+ 75-10	25%	.414	.865	.210	5				290-0806-00	A	.087	CR
4.	200	+ 50-10	34 Ω	.456	1.060	1.500	6				290-0285-00		.284	CR
4.	200	+ 50-10	34 Ω	.327	1.031	1.250	6		.045 A RMS		290-0658-00		1.790	CR
4.7	35	+ 75-20	12%	.217	.512	.500	5				290-0782-00	X	.034	CR
4.7	35	20	12%	.217	.512		5		84 mA	Y	290-0782-01		.036	CR
4.7	63	20	28 Ω	.217	.493	.500	5		35 mA		290-0952-00		.250	CR
4.7	100	+ 75-20	30 Ω	.355	.709	1.378	6				290-0832-00		.055	CS
4.7	100	20	28.2 Ω	.267	.492		5		52 mA		290-1144-00		.050	CR
4.7	160	+ 75-10	20%	.414	.681	.218	5	Foil			290-0767-00		.053	CR
5.	6	+ 75-10	26%	.282	.624	1.500	6				290-0125-00		.197	CS
5.	25	+ 75-10	19%	.266	.531	1.500	6	Foil			290-0026-00		.409	CS
5.	25	+ 75-10	19%	.336	.624	1.500	6	Foil			290-0219-00		.224	CR
5.	100	+ 50-10	15%	.401	1.004	1.500	6	Non-polar			290-0764-00		.254	CR
5.	150	+ 75-10	15%	.456	1.061	1.500	6	Foil			290-0149-00		.244	CR
5.	150	+ 75-10	27 Ω	.456	1.061	1.500	6	Foil			290-0582-00		.323	CR
5.	300	+ 75-10	40 Ω	.593	1.812	2.250	6		70 mA		290-0303-00		1.620	CS
5.	450	+ 50-10	50 Ω	.540	1.720	1.500	6		.05 A RMS		290-0652-00		1.000	CR
6.8	25	20	15%	.216	.511	1.380	6		70 mA		290-1120-00		.085	CR
8.	200	+ 50-10	17 Ω	.421	1.187	1.350	6		700 mA		290-0414-00		.763	CR
8.	450	+ 50-10	15%	.765	1.375	2.500	6				290-0002-00		1.000	CS
8.	450	+ 50-10	15%	.765	1.375	2.500	6	No Negative Lead			290-0094-00			OB
10.	15	+ 75-10	26%	.336	.624	1.500	6	Foil			290-0106-00		.400	CR
10.	25	20	25 Ω	.355	.749	1.500	6	Non-polar			290-0290-00		.282	CR
10.	25	20	5%	.670	1.480	.500	5	Non-polar	10 mA (15.75 kHz @ 65°C)		290-0985-00		.360	CR
10.	25	+ 50-20	20%	.276	.624	1.375	6	Foil		Y	290-0748-00 ^f	X	.067	CR
10.	25	+ 50-20	20%	.268	.475	.500	5		25 mA RMS		290-0804-00	X	.130	CR
10.	25	20	20%	.217	.475		5		25 mA	Y	290-0804-01		.041	CR
10.	25	+ 50-10	20%	.268	.475	.500	5		25 mA	Y	290-0804-02		.035	CS
10.	50	20	13 Ω	.217	.493	.500	5		40 mA		290-0974-00		.040	CR
10.	50	20	16.58 Ω	.217	.492		5		51 mA	Y	290-0974-01		.033	CR
10.	50	20	13 Ω	.217	.493	.500	5		40 mA	Y	290-0974-02		.050	EN
10.	50	20	13 Ω	.335	.512	.156	5	Non-polar	140 mA RMS (65°C)		290-0990-00		.149	CR
10.	50	+ 50-20	25 Ω	.351	.562	.250	5				290-0779-00 ^f	A	.153	CR
10.	50	+ 75-10	19%	.386	.811	1.500	6	Foil		Y	290-0145-00	Y	.428	CR
10.	50	20	23.8 Ω	.276	.567		6		43 mA		290-1107-00		.097	CR
10.	100	+ 50-20	8%	.414	.681	.218	5	Foil	80 mA		290-0768-00	X	.080	CR
10.	100	+ 50-10	15%	.456	.936	1.500	6	Foil			290-0194-00		.283	CR

NOTE: For lead spacing, Type 5, see Page 13-12.

^a DF and ESR are measured at 120 Hz, + 25°C.^b Diameter listed is that of body diameter. There are often substantial size variations between different manufacturers of the same value capacitor. Care should be taken to leave room for the maximum size part indicated on the current Tektronix specification.^c For Type (illustrations), see tab marked Section 13 at the back of this catalog.^d Machine Insertable.^e The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.^f Safety controlled.

ELECTROLYTIC, ALUMINUM (cont)

LEADED (cont)

Capacitance μF @ 120 Hz	Volts	Tol ± %	ESR(Ω) ^a DF(%) Max	Max ^b Dia (Inch)	Max Length (Inch)	Min Lead Length (Inch)	Type ^c	Other	Ripple Current (120 Hz, 85°C)	MI ^d	Part Number	Codes ^e		
												ND	Cost	ST
10.	100	+ 50-10	14 Ω	.414	.886	1.375	6	Foil			290-0769-00	A	.193	CR
10.	100	+100-10	12 Ω	.434	.880	.275	5	Hi Ripple Current	.3 A RMS (100 kHz)		290-0939-00	A	.172	CR
10.	100	+100-10	13.3 Ω	.434	.885	.750	6		.17 A RMS (100 kHz)		290-0939-01	U	.135	CR
10.	100	+ 50-10	15%	.441	.905	1.500	6	Foil			290-0194-01			OB
10.	100	+ 50-10	15%	.516	1.312	1.500	6	Foil			290-0314-00			OB
10.	100	+ 75-20	13.2 Ω	.335	.491		5		100 mA (20°C)	Y	290-1115-00	U	.085	CR
10.	150	+ 50-10	19%	.456	1.061	1.500	6	Foil		Y	290-0405-00		.336	CR
10.	160	+ 50-10	20%	.414	.867	.500	5		52 mA RMS		290-0880-00	A	.097	CR
10.	250	+ 75-10		.718	1.812	2.500	6				290-0214-00			OB
10.	315	+ 50-10	20%	.532	1.062	.218	5		56 mA RMS		290-0881-00	U	.129	CR
10.	450	+ 50-10	17%	.814	1.812	1.500	6				290-0213-00	U	1.060	CR
10.	475	+ 50-10	20%	.843	1.812	2.500	6				290-0647-00		.740	CR
10.	500	+ 50-10	20%	.729	1.727	1.375	6				290-0752-00		.343	CS
12.	150	+ 50-10	22 Ω	.468	1.159	1.500	6	Foil			290-0200-00		.429	CR
15.	100	+ 50-10	15%	.456	1.061	1.500	6	Foil			290-0410-00		.323	CR
15.	300	+ 50-10	17 Ω	.594	2.250	2.250	6		120 mA	Y	290-0516-00		.590	CS
20.	50	+ 75-10	19%	.456	.936	1.500	6	Foil			290-0255-00		.197	CR
20.	100	+ 50-10	15%	.456	1.421	1.500	6	Foil			290-0226-00		.346	CS
20.	150	+100-10	22%	.515	1.688	2.500	6				290-0008-00		1.440	CS
20.	150	+100-10	25%	.516	1.687	2.500	6				290-0110-00		.345	CS
20.	400	+ 50-10	7.3 Ω	.656	2.210	2.000	6		.175 A RMS		290-0958-00		3.670	CS
22.	10	+ 50-20	20%	.217	.512	.218	5				290-0776-00	X	.042	CR
22.	10	20	19%	.217	.512	.218	5		140 mA	Y	290-0776-01		.035	CR
22.	16	20	17%	.250	.511	1.380	6		150 mA	Y	290-1086-00	A	.047	CR
						(Max)								
22.	25	+ 50-10	9 Ω	.268	.532	1.350	6		80 mA		290-0967-00		.059	CR
22.	25	+ 50-20	17%	.335	.512	.500	5				290-0745-00	X	.037	CR
22.	25	+ 50-10	17%	.335	.512	.500	5		140 mA (25°C)		290-0745-02		.037	CR
22.	35	20	12%	.255	.511	1.380	6		160 mA		290-1122-00		.060	CR
22.	100	+ 50-20	4.8 Ω	.335	.866	1.350	6		130 mA		290-0969-00		.077	CR
25.	6	+ 75-10	26%	.336	.811	1.500	6	Foil		Y	290-0124-00			OB
25.	25	+ 75-10	30%	.456	.811	1.500	6				290-0107-00		.221	CR
25.	350	+ 50-10		.843	1.812	1.500	6		170 mA		290-0370-00		1.030	CR
27.	150	+100-10	3.2 Ω	.780	1.200	.280	5	Hi Ripple Current	.7 A RMS (10 kHz)		290-0962-00		.880	CR
33.	35	+ 50-20	5.2 Ω	.268	.493	.280	5		120 mA RMS		290-0920-00	U	.036	CR
33.	35	20	5.2 Ω	.268	.493		5		120 mA	Y	290-0920-01	U	.038	CR
33.	50	20	4 Ω	.335	.710	1.350	6		140 mA		290-0972-00	U	.063	CS
33.	63	20	2 Ω	.412	.707	.787	5		240 mA (10 kHz, 105°C)		290-1073-00	U	1.470	CR
33.	100	20	4 Ω	.335	.866	1.350	6		170 mA		290-0975-00		.129	CR
33.	160	+ 50-10	8 Ω	.532	1.062	.500	5		140 mA		290-0947-00		.148	CR
39.	150	+100-10	3.5 Ω	.650	1.368	.120	7		1.15 A		290-1130-00		.446	CR
40.	400	+ 50-10	6.5 Ω	1.015	2.562		3				290-0190-00			OB
47.	10	+ 50-20	5.7 Ω	.268	.532	1.350	6		100 mA RMS		290-0847-00	X	.060	CR
47.	10	20	20%	.268	.472	1.375	6			Y	290-1076-00	U	.065	CR
47.	16	20	5.7 Ω	.270	.495	.630	5		76 mA (105°C)		290-1075-00		.055	CR
47.	16	+100-20	35%	.414	.681	.218	5	Non-polar			290-0848-00	U	.110	CR
47.	16	+ 50-20	7.6 Ω	.351	.562	.218	5				290-0746-00	X	.044	CR
47.	25	20	19%	.406	.936	1.500	6	Foil		Y	290-0287-00		.246	CR
47.	25	+ 50-20	4.2 Ω	.270	.493	.500	5		140 mA RMS		290-0943-00	A	.036	CR
47.	25	20	4.2 Ω	.270	.493		5		140 mA	Y	290-0943-01	U	.042	CR
47.	25	20	4.2 Ω	.217	.472		5		140 mA	Y	290-0943-02		.042	CR
47.	35	+ 75-20	13%	.414	.570	.218	5		165 mA RMS		290-0846-00	X	.057	CR
47.	50	20	3.5 Ω	.340	.670	1.250	6		290 mA		290-0986-00		.072	CR
47.	50	20	10%	.334	.668	1.380	6		290 mA (25°C)		290-1119-00		.085	CS

NOTE: For lead spacing, Type 5, see Page 13-12.

^a DF and ESR are measured at 120 Hz, +25°C.^b Diameter listed is that of body diameter. There are often substantial size variations between different manufacturers of the same value capacitor. Care should be taken to leave room for the maximum size part indicated on the current Tektronix specification.^c For Type (Illustrations), see tab marked Section 13 at the back of this catalog.^d Machine Insertable.^e The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

ELECTROLYTIC, ALUMINUM (cont)

LEADED (cont)

Capacitance μF @ 120 Hz	Volts	Tol ± %	ESR(Ω) ^a DF(%) Max	Max ^b Dia (Inch)	Max Length (Inch)	Min Lead Length (Inch)	Type ^c	Other	Ripple Current (120 Hz, 85°C)	Ml ^d	Part Number	Codes ^e		
												ND	Cost	ST
47.	250	+100-10	1.31 Ω	.770	1.650	.281	5		1.24 A RMS (20-100 kHz)		290-1088-00		1.640	CR
47.	250	+100-10	1.31 Ω	.770	1.650	.750	8	w/Support Lead	1.24 A RMS (20-100 kHz)		290-1089-00		1.620	CR
50.	25	+75-10	19%	.456	1.061	1.250	6	Foil		Y	290-0209-00		.540	CR
50.	25	+75-10	5.3 Ω	.390	.875	1.875	6				290-0286-00		.860	CS
50.	50	+75-10	1.7 Ω	.531	1.171	1.500	6		.33 A RMS		290-0367-00		.720	CS
50.	50	+75-10	19%	.456	1.061	1.500	6				290-0117-00		.253	CR
50.	200	+75-10	15%	.843	2.312	2.500	6		.32 A RMS		290-0260-00		.970	CR
50.	250	+75-10	5.2 Ω	1.046	1.609	.300	4				290-0569-00		1.060	CR
60.	450	+50-10	4.4 Ω	1.421	2.562		3				290-0108-00			OB
68.	10	20	4.88 Ω	.268	.551		6		110 mA	Y	290-1123-00		.091	CR
70.	6	20	5.4 Ω	.386	.936	1.500	6	Non-polar, Foil	.17 A RMS		290-0367-00		.215	CR
75.	450	+50-10	2.2 Ω	1.046	2.610		3		.45 A RMS		290-0978-00 ^f		3.270	CR
80.	50	+75-10	1.7 Ω	.421	1.687	1.875	6		.5 A RMS		290-0274-00		.837	OT
90.	250	+50-10	1.5 Ω	.791	2.250	1.500	6		.48 A RMS		290-0955-00		4.050	CS
90.	350	+50-10	1.5 Ω	1.035	1.687		4		.4 A RMS		290-1024-00		1.430	CS
100.	6	+75-10	33.9%	.456	.811	1.500	6		150 mA RMS		290-0105-00		.561	CR
100.	10	+50-20	3.5 Ω	.335	.562	.218	5				290-0755-00	X	.039	CR
100.	10	20	20%	.413	.531	.787	5	Non-polar			290-1198-00		.062	CR
100.	15	+75-10	26%	.456	.936	1.500	6	Foil		Y	290-0201-00		.414	CR
100.	25	20	2 Ω	.334	.493		6		135 mA	Y	290-0973-01		.050	CR
100.	16	+50-20	20%	.338	.886	1.375	6				290-0743-00	X	.082	CR
100.	25	20	15%	.340	.670	1.250	6		360 mA		290-1079-00	U	.088	CS
100.	250	+50-20	2 Ω	.728	1.650	.280	5		.45 A RMS		290-1078-00	A	.651	OT
100.	25	20	2.4 Ω	.333	.688	1.378	6		156 mA (105°C)		290-1087-00		.120	CR
100.	25	20	2 Ω	.335	.493	.500	5		135 A RMS		290-0973-00		.043	CR
100.	25	+50-20	2.5 Ω	.414	.681	.500	5			Y	290-0770-00	X	.062	CR
100.	25	+75-20	20%	.414	.886	1.250	6			Y	290-0747-00	X	.082	CR
100.	25	+75-10	19%	.456	1.061	1.250	6	Foil		Y	290-0215-00		.342	CR
100.	25	+100-20	1.3 Ω	.443	.865	.600	5	Hi Ripple Current	.7 A RMS (100 kHz)		290-0942-00 ^f	A	.172	CR
100.	25	20	.8 Ω	.433	.866	.787	5		730 mA RMS (100°C)		290-1100-00		.200	CR
100.	35	+75-20	12%	.414	.868	.218	5		.28 A		290-0844-00		.050	CR
100.	35	20	12%	.413	.531	.591	5		.370 mA (25°C)		290-1121-00		.075	CR
100.	35	20	.45 Ω	.414	.846		5	Non-polar	.245 A RMS		290-1126-00			DL
100.	40	+75-10	10%	.421	1.469	1.250	6	Foil		Y	290-0307-00		1.580	CS
100.	50	+50-20	1.33 Ω	.414	.670	.500	5		300 mA		290-0950-00	U	.067	CR
100.	50	+75-10	3.3 Ω	.718	2.312	1.500	6			Y	290-0259-00	U	1.080	CR
100.	50	+75-10	20%	.405	1.567	1.500	6				290-0725-00		.325	CR
100.	50	20	.66 Ω	.433	1.066	.787	5		780 mA RMS (100°C)		290-1101-00		.290	CR
100.	63	+50-20	10%	.412	1.060	1.250	6		.36 A RMS	Y	290-0817-00		.130	CR
100.	63	20		.530	1.023	.150	5	Non-polar	410 mA		290-1151-00		.212	CR
100.	100	+50-20	.08%	.530	1.060	1.250	6		.43 A RMS		290-0408-01		.165	CR
100.	100	20	.08%	.530	1.060	1.250	6		.43 A RMS		290-1090-00		.250	CR
100.	160	+50-10	20%	.916	1.671	1.375	6				290-0750-00		.670	CS
100.	200	20	1.2 Ω	.730	1.752	.787	5		.45 A RMS		290-0683-00 ^f	U	.583	CR
100.	200	+50-10	20%	.900	1.712	1.375	6				290-0761-00		3.360	CS
120.	150	+75-10	2 Ω	.843	2.250	2.000	6		.4 A RMS		290-0442-00		1.060	CR
120.	450	+100-10	20%	1.375	3.000		4				290-0666-00			DL
125.	250	+75-10	2.6 Ω	1.420	2.062		3				290-0179-00		1.250	CS
125.	350	+75-10	2.6 Ω	1.421	3.062		3				290-0016-00			OB
125.	450	+75-10	2.6 Ω	1.421	3.062		3				290-0017-00			OB
130.	300	+50-10	1.6 Ω	1.093	3.812	.357	6	w/Solder Terminals	760 mA RMS		290-0336-00		1.630	OT
150.	16	20	2 Ω	.414	.551	.500	5		200 mA		290-0987-00	U	.143	CR
150.	150	+75-10	1.8 Ω	1.015	2.062		3				290-0018-00			OB

NOTE: For lead spacing, Type 5, see Page 13-12.

^a DF and ESR are measured at 120 Hz, +25°C.^b Diameter listed is that of body diameter. There are often substantial size variations between different manufacturers of the same value capacitor. Care should be taken to leave room for the maximum size part indicated on the current Tektronix specification.^c For Type (illustrations), see tab marked Section 13 at the back of this catalog.^d Machine Insertable.^e The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.^f Safety controlled.

ELECTROLYTIC, ALUMINUM (cont)

LEADED (cont)

Capacitance μF @ 120 Hz	Volts	Tol ± %	ESR(Ω) ^a DF(%) Max	Max ^b Dia (Inch)	Max Length (Inch)	Min Lead Length (Inch)	Type ^c	Other	Ripple Current (120 Hz, 85°C)	MI ^d	Part Number	Codes ^e		
												ND	Cost	ST
150.	250	+ 75-10	1.8 Ω	1.421	2.562		3				290-0019-00			OB
180.	40	+100-10	.59 Ω	.515	1.100	.280	5	Hi Ripple Current	1 A RMS (100 kHz)		290-0798-00	A	.288	CR
200.	200	+ 75-10	1.5 Ω	1.078	2.152		4		.55 A RMS		290-0850-00			DL
200.	250	+ 50-10	18%	1.093	2.812	.500	6	w/Solder Terminals			290-0331-00		3.120	CS
200.	400	+ 50-10	1.3 Ω	1.421	4.562		3				290-0192-00			OB
200.	450	+ 50-10	18%	1.421	3.060		3				290-0515-00		1.110	CS
220.	10	+ 50-20	1.6 Ω	.414	.681	.503	5	Foil			290-0771-00	U	.048	CR
220.	10	+ 50-20	1.21 Ω	.414	.826	1.350	6		260 mA RMS		290-0834-00		.100	CS
220.	10	+ 50-20	1.51 Ω	.335	.493	.500	5		250 mA RMS		290-0944-00	U	.060	CR
220.	10	20	1.2 Ω	.315	.493		5		250 mA	Y	290-0944-01		.064	CR
220.	25	+ 50-20	.9 Ω	.414	.670	.500	5		380 mA		290-0963-00		.077	CR
220.	25	+ 50-20	.9 Ω	.335	.866	1.350	6		540 mA		290-0966-00	U	.100	CR
220.	25	20	.9 Ω	.335	.866	1.350	6		400 mA		290-1092-00		.140	CR
220.	25	20	.9 Ω	.414	.670	.500	5		380 mA		290-1091-00		.130	CR
220.	25	20	1.06 Ω	.410	.532		5		236 mA	Y	290-1157-00		.076	CR
220.	25	20	.36 Ω	.551	.866	.591	5		1100 mA	Y	290-1193-00		.300	CR
220.	35	+ 50-20	.78 Ω	.414	.866	1.350	6		450 mA RMS		290-0899-00		.215	CR
220.	63	+ 50-20	.6 Ω	.531	1.065	1.350	6		500 mA RMS		290-0918-00	U	.216	CR
220.	200	+100-10	.367 Ω	.890	2.687	.280	5		1.65 A RMS		290-1080-00	A	1.570	CS
220.	200	20	.75 Ω	1.219	1.101		1		1.5 A RMS (20 kHz)		290-1070-00		1.500	CR
220.	200	20	.75 Ω	.889	1.459	.201	5		1100 mA		290-1194-00		2.210	CR
220.	250	20	.671 Ω	1.024	1.654		1		1750 mA		290-1029-00		1.267	CR
220.	400	20	20%	1.418	1.654	.201	7	Computer Grade, w/Solder Terminals	1150 mA		290-1118-00			NP
220.	450	20	1.2 Ω	1.417	1.456	.287	1		.072 A RMS	Y	290-1145-00		2.490	CR
250.	6	+150-10	35%	.750	2.000	2.500	6	Non-polar, No Negative Leads			290-0101-00		.616	CS
250.	6	+150-10	20%	.812	1.250	1.500	6	Non-polar			290-0111-00		.520	CS
250.	12	+ 75-10	30%	.456	1.374	1.500	6	Foil			290-0217-00		.369	CR
250.	20	+100-10	.4 Ω	.515	1.100	.280	5	Hi Ripple Current	1.3 A RMS (100 kHz)		290-0800-00	A	.279	CR
250.	100	20	.285 Ω	1.035	1.702		4		1.72 A RMS		290-1023-00	U	1.380	CS
250.	150	+ 75-10	1 Ω	1.046	2.609		4				290-0468-00		1.930	CR
270.	40	+100-10	.32 Ω	.530	1.891	.240	5	Hi Ripple Current	1.5 A RMS (10 kHz)		290-0946-00	U	.342	CR
270.	450	20	20%	1.418	1.654	.201	7	w/Solder Terminals	1150 mA		290-1206-00 ^f		2.350	EN
290.	15	+ 75-10	.91 Ω	.390	1.390	1.870	6				290-0266-00			OB
290.	15	+ 75-10	.8 Ω	.405	1.046	1.250	6	Foil			290-0759-00	U	.257	CR
290.	63	20	.197 Ω	.775	1.578	.235	7		1.56 A RMS		290-1202-00	U	5.100	EN
290.	200	+ 50-10	.6 Ω	1.041	2.190	1.500	6		.9 A RMS		290-0971-00	A	1.100	CR
290.	350	+ 75-10	1 Ω	1.421	4.562		3				290-0181-00		2.050	CR
300.	25	+ 75-10	26%	.468	1.567	1.500	6				290-0727-00		.723	CR
300.	25	+ 75-10	.8 Ω		1.250	2.500	6				290-0333-00		.841	CS
300.	250	+ 75-10	.9 Ω	1.421	3.562		3				290-0180-00			OB
330.	25	20	.24 Ω	.550	1.063	.984	5		1.41 A RMS (100 kHz)		290-1034-00	U	.250	CR
330.	25	+ 50-20	17%	.414	.838	.218	5		500 mA RMS		290-0845-00		.085	CR
330.	25	+ 50-10	.9 Ω	.512	1.339	1.375	6	Foil			290-0772-00		.229	CR
330.	35	+ 50-20	.525 Ω	.530	1.325	1.350	6		450 mA RMS		290-0839-00	U	.250	CR
330.	50	20	.16 Ω	.412	1.318	.590	5		1.03 mA RMS (10°C)		290-1103-00		.500	CR
330.	50	+ 75-10	11%	.640	2.312	2.500	6	Foil			290-0325-00		.910	CR
330.	50	+ 75-10	15%	.515	1.765	1.375	6				290-0667-00		.331	CR
350.	75	+ 75-10	.8 Ω	1.046	1.609		4				290-0585-00		2.020	CR
350.	100	+ 75-10	15%	1.016	1.312	2.500	6				290-0258-00			OB
390.	15	+100-10	.44 Ω	.530	1.100	1.000	8	Hi Ripple Current, w/Support Lead	1.3 A RMS (10 kHz)		290-0932-00	U	.399	CR
390.	40	+100-10	.26 Ω	.530	1.821	.406	5	Hi Ripple Current	1.7 A RMS (10 kHz)		290-0818-00 ^f		.386	CR
390.	40	+100-10	.2 Ω	.530	1.821	.250	5	Hi Ripple Current	2.5 A RMS (100 kHz)		290-0818-01		.561	CR

NOTE: For lead spacing, Type 5, see Page 13-12.

^a DF and ESR are measured at 120 Hz, +25°C.^b Diameter listed is that of body diameter. There are often substantial size variations between different manufacturers of the same value capacitor. Care should be taken to leave room for the maximum size part indicated on the current Tektronix specification.^c For Type (illustrations), see tab marked Section 13 at the back of this catalog.^d Machine Insertable.^e The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.^f Safety controlled.

ELECTROLYTIC, ALUMINUM (cont)

LEADED (cont)

Capacitance μF @ 120 Hz	Volts	Tol ± %	ESR(Ω) ^a DF(%) Max	Max ^b Dia (Inch)	Max Length (Inch)	Min Lead Length (Inch)	Type ^c	Other	Ripple Current (120 Hz, 85°C)	M ^d	Part Number	Codes ^e		
												ND	Cost	ST
390.	40	+100-10	.2 Ω	.530	1.720	1.000	8	Hi Ripple Current, w/Axial mtg Leads	2.1 A RMS (10 kHz)		290-0818-02		.550	CR
400.	50	+75-10	.42 Ω	.671	1.328	1.500	6		.475 A RMS		290-0816-00	U	.963	OT
400.	250	+75-10	.65 Ω	1.421	4.562		3				290-0169-00			OB
400.	250	+75-10	20%	1.391	4.625		3	Foil	1.2 A RMS		290-0169-01			OB
400.	400	+50-10	.83 Ω	2.090	3.840		2	Computer Grade, 4 Terminals			290-0681-00		5.660	CS
400.	400	+50-10	.83 Ω	2.094	3.840		2	Special term hgt, cmpr gr, 10-32 Tapped Holes (2)			290-0681-01		5.030	CS
430.	200	+50-10	17%	1.782	2.297		1	cmpr tr, 10-32 Tapped Holes (2)			290-0483-00		2.230	CS
440.	100	+50-10	.3 Ω	1.093	1.712	1.500	6		.89 A RMS		290-0915-00		1.130	CR
470.	16	+75-20	40%	.532	1.406	1.375	6				290-0701-00	X	.285	CR
470.	25	+100-10	.22 Ω	.515	1.721	.120	7		2.35 A		290-1128-00		.414	CR
470.	35	+50-20	.37 Ω	.531	1.024	.500	5		720 mA RMS		290-0919-00	U	.127	CR
470.	50	+75-10	.7 Ω	.800	1.420	1.378	6				290-0797-00		1.160	CR
470.	50	+50-20	10%	.729	1.507	.500	5		820 mA RMS		290-0831-00		.114	CR
470.	63	20	.28 Ω	.650	1.328	1.500	6		.76 A RMS		290-0977-00		.400	CR
470.	200	20	.352 Ω	1.219	1.459		1	Snap-in Terminals	1900 mA		290-1106-00		2.300	CR
470.	200	+30-10						Snap-in Terminals			290-1190-00		2.250	PP
470.	200	20	.352 Ω	1.219	1.459		1		1.9 A RMS		290-1106-01		2.300	CS
470.	200	20	.36 Ω	1.180	1.419		1		1.9 A RMS		290-1074-00 ^f		3.810	CR
470.	250	20		Nom			1		3 A RMS		290-1028-00		1.770	CR
500.	6	+150-10	5 Ω	.750	1.625	2.500	6	No Negative Lead			290-0030-00		1.180	CS
500.	30	+75-10	33%	.968	2.562	2.500	6				290-0218-00		.740	CR
500.	150	+50-10	15%	1.375			4				290-0665-00			DL
540.	25	+100-10	.17 Ω	.780	1.200	1.000	8	Hi Ripple Current, w/Support Lead	2.3 A RMS (10 kHz)		290-0931-00		1.338	CR
550.	50	+100-10	.65 Ω	1.015	2.062		3				290-0278-00			OB
550.	100	+75-10	.5 Ω	1.046	3.109		4				290-0670-00		2.340	CS
550.	200	+50-10	.4 Ω	1.796	2.250		1				290-0576-00		2.288	CS
650.	250	+75-10	.52 Ω	1.421	4.562		3				290-0318-00		2.390	CR
680.	200	+50-10	.3 Ω	1.428	2.100		7		2.75 A RMS (65°C)		290-1022-00 ^f	U	3.040	CR
720.	200	+50-10	.37 Ω	1.406	3.151		4				290-0715-00		4.180	CR
750.	40	+75-10	45%	.970	1.812	1.375	6				290-0324-00 ^f		.800	CR
800.	15	+75-10	150%	.718	2.000		6				290-0369-00		.880	CR
800.	50	+100-10	.086 Ω	1.030	1.755	.235	7	Hi Ripple Current	4.75 A RMS (10 kHz)		290-0901-00		1.180	CR
820.	200	20	.2 Ω	1.417	2.047		2	Snap-in Terminals	4.1 A RMS		290-1133-00		3.640	PP
820.	200	20	.2 Ω	1.417	2.047		2	Snap-in Terminals	3.6 A RMS		290-1156-00 ^f		3.990	PP
840.	12	+100-10	.18 Ω	.530	1.391	.280	5	Hi Ripple Current	1.8 A RMS (10 kHz)		290-0945-00		.310	CR
950.	200	+50-10	15%	1.844	3.463		2	cmpr tr, 10-32 Tapped Holes (2)	3.5 A RMS		290-0628-00 ^f		3.520	CR
950.	200	+50-10	.16 Ω	1.820	2.750		2	cmpr tr, 10-32 Tapped Holes (2)	2 A RMS		290-0561-00		1.170	CS
980.	200	+50-10	.25 Ω	2.095	4.563		1				290-0413-00		6.040	CS
1000.	6.3	20	.16 Ω	.550	1.063	.984	5		1.67 A RMS (100 kHz)		290-1069-00		.340	CR
1000.	10	20	.12 Ω	.530	1.062	.590	5	Hi Ripple Current	900 mA (10 kHz, 105°C)		290-1108-00		.260	CR
1000.	10	+50-10	.34 Ω	.414	1.063	1.375	6	Foil	(10 kHz, 105°C)	Y	290-0773-00		.249	CR
1000.	10	+50-10	.3 Ω	.413	1.063	1.300	6		.58 A RMS		290-1018-00		.230	CR
1000.	10	+75-10	100%	.718	1.812	2.235	6	Foil			290-0674-00			DL
1000.	10	+100-10	.46 Ω	.535	1.220	1.250	6		680 μA		290-0807-00	U	.220	CR
1000.	12	+100-10	.15 Ω	.515	1.721	.300	7		2.35 A		290-1129-00		.396	CR
1000.	20	+100-10	.46 Ω	1.015	1.562		3				290-0445-00		1.800	CS

NOTE: For lead spacing, Type 5, see Page 13-12.

^a DF and ESR are measured at 120 Hz, +25°C.^b Diameter listed is that of body diameter. There are often substantial size variations between different manufacturers of the same value capacitor. Care should be taken to leave room for the maximum size part indicated on the current Tektronix specification.^c For Type (illustrations), see tab marked Section 13 at the back of this catalog.^d Machine Insertable.^e The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.^f Safety controlled.

ELECTROLYTIC, ALUMINUM (cont) LEADED (cont)

Capacitance μF @ 120 Hz	Volts	Tol ± %	ESR(Ω) ^a DF(%) Max	Max ^b Dia (Inch)	Max Length (Inch)	Min Lead Length (Inch)	Type ^c	Other	Ripple Current (120 Hz, 85°C)	MI ^d	Part Number	Codes ^e		
												ND	Cost	ST
1000.	25	+ 75-10	60%	.785	2.312	1.250	6		670 mA		290-0409-00		.860	CR
1000.	30	+ 75-10	98 MΩ	.905	1.703	1.250	6		2.63 A RMS		290-1033-00	U	1.220	CS
1000.	35	+ 75-10	.6 Ω	.900	1.775	1.500	6				290-0801-00 ^f	U	.700	CS
1000.	40	+100-10	.33 Ω	1.015	2.062		3				290-0317-00		1.370	CR
1000.	50	20	.135 Ω	.650	1.480	.500	5		1.1 A RMS		290-0922-00		.250	CR
1000.	50	+100-10	.065 Ω	1.025	1.702	.235	7		5.9 A RMS		290-0922-01		1.300	CR
1000.	50	+100-10	.33 Ω	1.421	2.562		3				290-0122-00		2.980	CS
1000.	50	20	.068 Ω	.655	1.339	.120	7		1.535 A RMS		290-0922-02		.497	CR
1000.	50	20	.14 Ω	.650	1.280	1.500	6		1 A RMS		290-0984-00	U	.350	CR
1000.	50	20	12%	.670	1.575	.590	5		1.1A RMS		290-1099-00	A	.620	OT
1000.	63	20									290-1200-00	U	.530	PP
1000.	75	+ 75-10	.26 Ω	1.046	3.109		4				290-0586-00		2.420	CR
1000.	75	+ 75-10	25%	1.046	3.125		4	Special Terminal Height, Foil			290-0586-01		3.480	CS
1000.	200	+100-10	.2 Ω	1.406	2.250		4		3.5 A RMS		290-1015-00 ^f		4.310	CR
1000.	200	20	.16 Ω	1.409	2.049		7	Hi Ripple Current	2.2 A RMS		290-1124-00		5.720	MP
1100.	200	+ 75-10	.27 Ω	1.453	4.150		4		2.1 A RMS		290-0878-00 ^f	U	4.680	CR
1200.	6.3	+100-10	.11 Ω	.530	1.720	.280	5	Hi Ripple Current	2.2 A RMS (100 kHz)		290-0877-00		.485	CR
1200.	6.3	+100-10	.135 Ω	.500	1.690		8		2.45 A RMS		290-1192-00		.435	PP
1200.	12	+100-10	.125 Ω	.530	1.720	1.000	8	Hi Ripple Current, w/Support Lead	2.5 A RMS (10 kHz)		290-0964-00	U	.369	CR
1200.	20	+100-10	.095 Ω	.780	1.720	1.000	8	Hi Ripple Current, w/Support Lead	3.5 A RMS (10 kHz)		290-0965-00		1.133	CR
1200.	100	+ 75-10	.25 Ω	1.046	4.109		4				290-0638-00		2.880	CR
1200.	200	20	.141 Ω	1.419	2.079		1	2/Solder Terminals	3.4 A RMS		290-1203-00	U	7.980	EN
1250.	50	+ 75-10	45%	1.093	2.312	2.000	6				290-0334-00	U	.800	CR
1300.	40	+ 75-10	26.5%	1.093	2.312	2.500	6	Foil			290-0300-00			OB
1300.	150	+ 75-10	.26 Ω	1.421	4.562		3				290-0319-00		2.230	CR
1300.	150	+ 75-10	.26 Ω	1.406	4.651		4		2.5 A RMS		290-0521-00 ^f	U	4.070	CR
1400.	30	+ 75-10	.5 Ω	.897	2.194	2.250	6		820 mA RMS		290-0644-00		.890	CS
1400.	200	+ 75-10	.18 Ω	1.790	4.532		1	cmprtr gr, 10-32 Tapped Holes (2)	3.6 A RMS		290-0840-00 ^f		10.560	CS
1500.	25	+100-10	25%	1.010	2.563		3				290-0281-00		9.850	CS
1500.	75	+ 50-10	.2 Ω	1.041	2.261	1.750	6				290-0786-00		1.120	CR
1500.	200	20	.0147 Ω	1.390	2.485		4		4.5 A RMS		290-1082-00		2.740	CR
1600.	50	+100-10	.047 Ω	1.030	2.755	.280	7	Hi Ripple Current	8.2 A RMS (10 kHz)		290-0900-00 ^f		1.480	CR
1600.	200	+ 50-10	.13 Ω	1.790	4.750		1	cmprtr gr, 10-32 Tapped Holes (2)	4.5 A RMS (65°C, 50 Hz)		290-0885-00 ^f		4.230	CS
1800.	75	+100-10	.15 Ω	1.420	2.625		4				290-0507-00		2.680	CR
1800.	100	+ 75-10	29%	1.470	5.563		1	cmprtr gr, 10-32 Tapped Holes (2)			290-0466-00			OB
2000.	20	+ 75-10	33%	1.016	3.812	2.500	6				290-0257-00			OB
2000.	20	+100-10	.23 Ω	1.421	2.062		3				290-0029-00		3.780	CS
2000.	25	+100-10	.16 Ω	1.421	2.062		3				290-0212-00			OB
2000.	40	+ 75-10	50%	.843	2.812	1.750	6	Foil			290-0714-00		1.040	CR
2000.	50	+100-10	.16 Ω	1.421	2.062		3				290-0444-00		.936	CR
2000.	50	+100-0	30%	1.046	3.562		4	Foil			290-0702-00		3.510	CS
2000.	75	+ 75-10	.13 Ω	1.421	3.562		3				290-0310-00		2.770	CR
2000.	200	+ 75-10	.11 Ω	2.094	4.250		2		4 A RMS		290-0813-00 ^f		5.400	CR
2200.	10	+100-10	19%	1.453	2.250		1	Stacked Foil	6.4 A (25°C)		290-0754-00		6.100	LR
2200.	10	20	20%	.492	.985	1.380	6		920 mA		290-1155-00		.336	CR
2200.	16	+ 50-10	20%	.780	1.727	1.375	6				290-0751-00		.830	CR
2200.	25	+ 50-10	.17 Ω	.900	1.712	1.375	6				290-0760-00		3.130	CS

NOTE: For lead spacing, Type 5, see Page 13-12.

^a DF and ESR are measured at 120 Hz, +25°C.^b Diameter listed is that of body diameter. There are often substantial size variations between different manufacturers of the same value capacitor. Care should be taken to leave room for the maximum size part indicated on the current Tektronix specification.^c For Type (illustrations), see tab marked Section 13 at the back of this catalog.^d Machine Insertable.^e The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.^f Safety controlled.

ELECTROLYTIC, ALUMINUM (cont)

LEADED (cont)

Capacitance μF @ 120 Hz	Volts	Tol ± %	ESR(Ω) ^a DF(%) Max	Max ^b Dia (Inch)	Max Length (Inch)	Min Lead Length (Inch)	Type ^c	Other	Ripple Current (120 Hz, 85°C)	Ml ^d	Part Number	Codes ^e		
												ND	Cost	ST
2200.	35	+ 50-20	.08 Ω	.729	1.655	.500	5		1.4 A RMS		290-0916-00	U	.291	CR
2200.	35	+ 50-20	.132 Ω	.905	1.750	1.350	6		1375 mA RMS		290-0838-00	U	.454	CR
2200.	100	20	15%	1.378	1.181	.250	1		2.35 A RMS		290-1201-00		1.360	EN
2400.	30	+ 75-10	.34 Ω	1.093	2.311	2.250	6				290-0633-00 ^f		.780	CR
2600.	35	+ 75-10	.035 Ω	1.470	2.250		7	cmpr gr, 10-32 Tapped Holes (2)	4.7 A RMS		290-0898-00		2.050	CS
2600.	35	+ 75-10	.035 Ω	1.453	2.349	.292	7	Computer Grade, w/Solder Terminals	4.7 A RMS		290-0898-01		2.400	CR
2800.	25	+ 75-10		1.390	2.560		3				290-0313-00	U	1.176	CS
3000.	20	+ 50-10	.1 Ω	1.062	2.250	1.500	6		2.25 A RMS		290-0443-00		1.200	CR
3000.	35	+ 100-10	.11 Ω	1.046	3.109		4				290-0583-00		2.370	CS
3000.	75	+ 75-10	.08 Ω	1.030	2.703	2.500	6		2.75 A RMS		290-0997-00 ^f		1.390	CR
3200.	25	+ 75-10	.165 Ω	1.093	1.712	1.500	6		.77 A RMS		290-0913-00		1.100	CR
3300.	35	+ 50-20	.088 Ω	.905	2.125	1.350	6		1.6 A RMS		290-0873-00		.538	CR
3300.	200	+ 50-10	.03 Ω	2.578	4.250		1	Computer Grade	11 A RMS		290-0996-00 ^f	U	7.960	CS
3500.	20	+ 14-0	60%	1.062	2.250	2.250	6				290-0575-00			OB
3500.	30	+ 100-10	.15 Ω	1.406	1.650		4		1.7 A RMS		290-0883-00		1.470	CR
3800.	40	+ 75-10	56%	1.782	2.235		1	cmpr gr, 10-32 Tapped Holes (2)			290-0484-00			DL
3900.	10	+ 50-20	.08 Ω	.728	1.752	.787	5		3.22 A RMS		290-0685-00	U	.636	CR
4000.	15	+ 100-10	.12 Ω	1.421	3.562		3				290-0084-00			OB
4200.	30	+ 100-10	.08 Ω	1.421	2.562		3		2.3 A RMS		290-0411-00		2.330	CR
4300.	35	+ 75-10	.106 Ω	1.460	3.250		1	Computer Grade, Long Life			290-0954-00		2.580	CS
4500.	25	+ 100-10	.08 Ω	1.390	3.562		4				290-0568-00		4.420	CS
4500.	25	+ 100-10	50%	1.390	1.375		3				290-0174-00		1.160	CS
4500.	30	+ 75-10	25%	1.421	3.625		4	No Sleeve, Foil			290-0753-00		1.750	CS
4700.	10	20	.096 Ω	.650	1.470	.500	5		2.06 μA		290-0989-00		.449	CR
4700.	16	+ 75-10	.8 Ω	1.031	1.696	2.500	6				290-0802-00 ^f	U	.770	CR
4700.	50	20	.085 Ω	1.570	1.650	.021	5	Snap-in Terminals	3.2 A RMS		290-1186-00	U	1.963	CR
5000.	15	+ 75-10	150%	.843	2.872	1.750	6	Foil			290-0687-00		1.790	CS
5000.	30	+ 100-10	.125 Ω	1.046	3.650		4		2.9 A RMS		290-0884-00		1.829	CR
5200.	10	+ 75-10	150%	1.000	2.250	2.250	6				290-0440-00			OB
5200.	12	+ 75-10	15%	1.090	2.310		6	w/Solder Terminals			290-0403-00		1.060	CR
5200.	200	+ 50-10	.023 Ω	2.515	5.750		1	Computer Grade	16.32 A RMS		290-1013-00 ^f	A	9.880	CS
5500.	30	+ 100-10	.075 Ω	1.046	4.109		4				290-0584-00		2.520	CR
5600.	6.3	+ 50-10	.049 Ω	1.063	1.760		7	Hi Ripple Current	4.8 A RMS (10 kHz)		290-0853-00		.950	CR
6000.	12	+ 100-10	.1 Ω	1.406	1.909		4				290-0578-00		2.440	CR
6000.	50	+ 75-10	41%	2.095	3.563		1	cmpr gr, 10-32 Tapped Holes (2)			290-0339-00		2.585	CS
6000.	50	+ 75-10	25%	1.470	5.563		1	cmpr gr, 10-32 Tapped Holes (2)			290-0709-00		4.500	CS
6200.	15	+ 75-10	150%	1.093	2.312	2.250	6		1.3 A RMS		290-0632-00 ^f		1.120	CR
6200.	15	+ 75-10	.15 Ω	1.093	1.712	1.500	6		.79 A RMS		290-0914-00		1.000	CR
6600.	12	+ 100-10	.03 Ω	1.030	2.255	.235	7	Hi Ripple Current	7.2 A RMS (10 kHz)		290-0929-00		1.430	CR
8300.	30	+ 75-10	62%	1.470	5.563		1	cmpr gr, 10-32 Tapped Holes (2)			290-0469-00			OB
8400.	12	+ 100-10	.018 Ω	1.025	3.202	.235	7	Computer Grade	9.24 A RMS		290-0686-00		2.780	CR
8800.	40	+ 75-10	38%	1.844	3.250		2	cmpr gr, 10-32 Tapped Holes (2)			290-0655-00		2.750	CR
8800.	40	+ 75-10	.086 Ω	1.830	3.250		1	cmpr gr, 10-32 Tapped Holes (2)			290-0828-00		2.545	CS
9000.	25	+ 75-10	.022 Ω	1.093	3.812	2.000	6		6.6 A RMS		290-0953-00		2.100	CR
9000.	50	+ 75-10	42%	2.095	4.563		1	cmpr gr, 10-32 Tapped Holes (2)			290-0338-00		3.200	CS
9600.	30	+ 100-10	.08 Ω	1.406	2.651	.390	4				290-0506-03		3.140	CR
10000.	6.3	+ 100-20	.06 Ω	1.020	2.212	1.378	6				290-0796-00		.984	CS

NOTE: For lead spacing, Type 5, see Page 13-12.

^a DF and ESR are measured at 120 Hz, +25°C.^b Diameter listed is that of body diameter. There are often substantial size variations between different manufacturers of the same value capacitor. Care should be taken to leave room for the maximum size part indicated on the current Tektronix specification.^c For Type (Illustrations), see tab marked Section 13 at the back of this catalog.^d Machine Insertable.^e The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.^f Safety controlled.

ELECTROLYTIC, ALUMINUM (cont)

LEADED (cont)

Capacitance μ F @ 120 Hz	Volts	Tol \pm %	ESR(Ω) ^a DF(%) Max	Max ^b Dia (Inch)	Max Length (Inch)	Min Lead Length (Inch)	Type ^c	Other	Ripple Current (120 Hz, 85°C)	MI ^d	Part Number	Codes ^e		
												ND	Cost	ST
10000.	12	+100-10	.05 Ω	1.406	2.609	1.250	4	cmptr gr, 10-32 Tapped Holes (2)	3.56 A (105°C)		290-0645-00	U	2.840	CR
10000.	25	20	.057 Ω	1.020	2.441		6				290-1032-00	U	3.800	CS
10000.	25	+100-10	.04 Ω	1.421	4.562		3				290-0398-00		4.110	CS
10000.	25	+100-10	60%	1.860	4.313		1				290-0148-00		3.670	CS
11000.	12	+100-10	.021 Ω	1.030	3.255	.235	7	Hi Ripple Current	9.8 A RMS (10 kHz)		290-0930-00 ^f	U	1.620	CR
14000.	25	+100-10	.08 Ω	1.406	3.660		4				290-0581-00 ^f		3.140	CR
14000.	30	+100-10	.065 Ω	1.453	3.660		3				290-0968-00		2.980	CS
15000.	30	+75-10	75%	2.595	3.563		1				290-0566-00		3.180	CS
17000.	25	+75-10	50%	1.828	4.250		1	cmptr gr, 10-32 Tapped Holes (2)	5 A RMS		290-0471-00		2.950	CS
18000.	15	+100-10	.037 Ω	1.353	3.109		4				290-0961-00		4.740	CS
18000.	15	+100-10	.09 Ω	1.406	3.109		4				290-0508-00 ^f		2.960	CR
18000.	15	+100-10	120%	1.421	3.125		4				290-0508-01		1.860	CR
18000.	15	+100-10	.09 Ω	1.406	2.651	.390	4	Snap-in Terminals	5 A RMS		290-0508-04	U	3.840	CR
18000.	16	20	.055 Ω	1.570	1.650		5				290-1187-00		1.831	CR
20000.	30	+75-10	82%	3.095	4.563		1				290-0131-00			OB
21000.	15	+75-10	107%	2.095	3.703		1				290-0485-00		2.520	CS
21000.	25	+75-10	37%	2.594	3.463		2	cmptr gr, 10-32 Tapped Holes (2)	16.2 A RMS		290-0656-00			OB
22000.	40	+75-10	.019 Ω	2.610	4.313		1				290-1025-00		5.280	CR
25000.	30	+75-10	56%	2.094	4.750		2				290-0682-00		5.150	CS
50000.	15	+75-10	60%	2.041	4.202		1				290-0710-00		3.360	CS
52000.	12	+75-10	100%	2.595	3.563		1	cmptr gr, 10-32 Tapped Holes (2)	12 A RMS (+65°C)		290-0472-00		3.540	CS
54000.	15	+75-10	.034 Ω	2.578	4.250		2				290-0422-00		3.940	CS
54000.	15	+75-10	140%	2.578	4.250		2				290-0422-01		7.410	CS
64000.	15	+100-10	.023%	2.000	5.615		1				290-0870-00	U	12.530	CS
65000.	12	+75-10	.015 Ω	2.579	3.735		1	10-32 Tapped Holes (2)	9 A RMS		290-0482-00		4.470	CR
65000.	15	+75-10	100%	2.594	3.463		2				290-0657-00		4.660	CR
86000.	15	+75-10	100%	3.094	4.250		2				290-0697-00		6.660	CS
86000.	15	+75-10	.03 Ω	3.078	4.250		1				290-0545-00		13.730	CS
120000.	15	+75-10	.01 Ω	3.094	5.963	.328	2	cmptr gr, 10-32 Tapped Holes (2)	18 A RMS		290-0713-00		22.270	CS
130000.	16	+75-10	3.2 M Ω	2.031	5.872		7		19 A RMS		290-1135-00		6.970	CR
160000.	12	+75-10	108%	3.095	6.063		1				290-0433-00			OB

For lead spacing, Type 5, see Page 13-12.

^a DF and ESR are measured at 120 Hz, +25°C.^b Diameter listed is that of body diameter. There are often substantial size variations between different manufacturers of the same value capacitor. Care should be taken to leave room for the maximum size part indicated on the current Tektronix specification.^c For Type (illustrations), see tab marked Section 13 at the back of this catalog.^d Machine Insertable.^e The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.^f Safety controlled.

NOT RECOMMENDED FOR NEW DESIGN

ELECTROLYTIC, ALUMINUM (cont)

Capacitance μF @ 120 Hz	Volts	Tol ± %	ESR(Ω) ^a DF(%) Max	Max Dia (Inch)	Max Length (Inch)	Min Lead Length (Inch)	Type ^b	Other	Ripple Current (120 Hz, 85°C)	Part Number	Codes ^c		
											ND	Cost	ST
.5	200	+100-10	15%	.280	.680	1.250	6	Foil		290-0480-00		.460	CR
6.	300	+50-10	18%	.562	1.675	1.500	6			290-0225-00			OB
10.	450	+50-10	17%	.812	1.750	2.500	6			290-0213-01			DL
20.	500	+50-10	13 Ω	1.015	2.062		3			290-0143-00			OB
30.	100	+50-10	16%	.456	1.624	1.500	6			290-0698-00			DL
80.	500	+50-10	3.2 Ω	1.421	3.062		3			290-0028-00			OB
100.	25	+150-10	34%	.500	1.312	2.500	6	w/Solder Terminals	.64 A RMS	290-0015-00		.479	CS
100.	100	+50-10	8%	.843	2.312	1.250	6			290-0408-00		.960	CR
100.	150	+75-10	2.6 Ω	1.015	1.562		3			290-0412-00		1.810	CR
170.	275	+50-10	1.4 Ω	1.046	2.562		4			290-0587-00	U	2.440	CR
200.	250	+75-10	1.3 Ω	1.421	2.562		3			290-0173-00		1.526	CR
220.	35	+50-20	.78 Ω	.414	.866	1.350	6			290-0917-00	U	.150	CR
240.	200	+50-10	1 Ω	1.093	3.812	.357	6	Stacked Foil Foil	1.05 A RMS	290-0335-00		1.610	OT
250.	150	+50-10	19%	1.046	3.062		3			290-0704-00		2.000	CR
250.	250	+75-10	1 Ω	1.046	2.609		4			290-0511-00		2.820	CR
300.	12	+75-10		1.453	2.500		1			290-0630-00		12.580	LS
300.	250	+75-10	21%	1.390	3.625		4			290-0689-00			DL
300.	300	+100-75	.9 Ω	1.421	3.625		4			290-0799-00 ^d		9.450	CS
420.	200	+100-10	.7 Ω	1.421	2.109		4	Computer Grade, 10-32 Holes (2)	1 A RMS	290-0835-00		2.160	CS
440.	20	+75-10	.6 Ω	.421	2.250	1.250	6			290-0805-00	U	5.520	CS
450.	150	+75-10	15%	1.421	3.560		3			290-0646-00			DL
500.	50	+75-10	.8 Ω	1.046	2.109		4			290-0570-00		1.980	CR
550.	100	+75-10	.52 Ω	1.015	3.062		3			290-0322-00		.675	CS
750.	200	+100-10	.35 Ω	1.453	2.651		4			290-0829-00 ^d	U	3.100	CR
790.	200	+50-10	.11 Ω	1.470	5.250		1	w/Solder Terminals	4.1 A RMS	290-0882-00			DL
1000.	16	+50-10	.22 Ω	.532	1.065	.500	5			290-0921-00			DL
1000.	25	+100-10	.33 Ω	1.015	2.062		3			290-0279-00		1.010	CS
2000.	30	+100-10	.16 Ω	1.421	2.562		3			290-0086-00		2.380	CS
2000.	50	+100-10	.16 Ω	1.406	1.875		4			290-0577-00		2.500	CR
2300.	50	+75-10	.12 Ω	1.093	3.812	.357	6			290-0337-00		1.490	OT
3000.	50	+100-10	.11 Ω	1.406	2.609		4	No Sleeve	1.75 A RMS	290-0509-00 ^d		2.940	CR
3500.	25	+100-10	50%	1.375	2.120		4			290-0437-00		2.810	CR
4500.	30	+75-10	26%	1.046	3.562		3			290-0705-00		2.130	CR
4500.	40	+100-10	.08 Ω	1.421	3.562		3			290-0320-00		2.760	CR
4500.	40	+100-10	.07 Ω	1.406	2.609		4			290-0520-00		2.820	CR
5000.	25	+100-10	.1 Ω	1.046	2.609		4			290-0571-00 ^d		2.863	CR
5000.	50	+75-10	.08 Ω	1.406	3.151		4	3.2 A RMS		290-0637-00		3.280	CR
6000.	15	+100-10	.1 Ω	1.406	2.109		4			290-0510-00	U	2.300	CR
7500.	25	+100-10	.088 Ω	1.421	2.562		4			290-0636-00	U	2.980	CR
9600.	30	+100-10	.08 Ω	1.406	3.109		4			290-0506-00 ^d		2.700	CR
10000.	10	+100-10	.135 Ω	1.406	2.109		4			290-0436-00		1.780	CR
10000.	75	+75-10		2.563	3.250		1			290-0631-00			OB
11000.	15	+100-10	.05 Ω	1.421	3.562		3	w/Solder Terminals w/Solder Terminals	2.5 A RMS	290-0321-00		2.600	CR
18000.	25	+100-10	.04 Ω	1.406	4.660		4			290-0810-00		2.550	CR
23000.	50	+75-10	6.1 MΩ	1.801	4.219		7			290-1116-00		5.930	CR
86000.	16	+75-10	4.3 MΩ	1.801	5.219		7			290-1117-00			DL

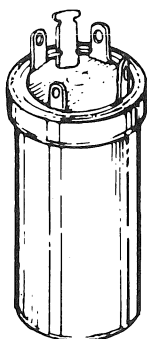
^a DF and ESR are measured at 120 Hz, +25°C.^b For Type (illustrations), see tab marked Section 13 at the back of this catalog.^c The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.^d Safety controlled.

TYPE 5 LEAD SPACING

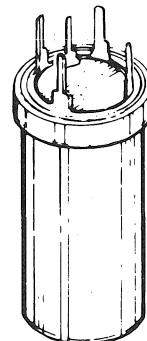
.019 290-1121-00	.092 - .131 290-0776-01 290-0778-01 290-0782-01 290-0804-01 290-0943-01 290-1125-00	.177 - .217 290-0758-00 290-0767-00 290-0768-00 290-0770-00 290-0771-00 290-0806-00 290-0830-00 290-0842-00 290-0844-00 290-0845-00 290-0846-00 290-0847-00 290-0848-00 290-0852-00 290-0863-00 290-0881-00 290-0919-00 290-0939-00 290-0950-00 290-0974-01 290-1073-00 290-1091-00 290-1100-00 290-1101-00 290-1103-00 290-1115-00 290-1131-00	.181 - .219 290-0766-02 .185 - .215 290-0798-00 290-0800-00 290-0818-00 290-0818-01 290-0818-02 290-0877-00 290-0932-00 290-0945-00 290-0946-00 290-0964-00 290-0987-00 290-1034-00 290-1069-00 290-1108-00 290-1126-00 290-1151-00 .192 - .228 290-0973-01 290-1157-00 .192 - .231 290-0944-01 .200 290-1192-00	.235 - .265 290-0931-00 290-0962-00 290-0965-00 290-1088-00 .275 - .315 290-0831-00 290-0916-00 290-0922-00 .280 - .320 290-0985-00 .280 - .320 290-0683-00 290-0685-00 290-0989-00 290-1078-00 290-1080-00 290-1099-00 .382 - .398 290-1194-00 .390 - .398 290-1186-00 290-1187-00 .393 290-1145-00
.059 - .099 290-0776-00 290-0776-02 290-0778-00 290-0782-00 290-0891-00 290-0952-00 290-0974-00	.118 - .158 290-0745-00 290-0944-00 290-0973-00 .118 - .165 290-0746-00 290-0755-00 290-0766-00 290-0779-00 .125 - .153 290-0990-00 .176 - .216 290-1193-00	.178 - .216 290-1198-00		
.078 290-0943-02				
.078 - .118 290-0804-00 290-0920-00 290-0920-01 290-0943-00 290-1075-00				
.092 - .120 290-0974-02 290-1144-00				

ELECTROLYTIC, ALUMINUM (cont)

MULTI-SECTION



TWIST MOUNT
FIGURE 1



PRINTED CIRCUIT MOUNT
FIGURE 2

Capacitance μF @ 120 Hz	Volts	Tol %	Max Body ^a Diameter (Inch)	Max Body Length (Inch)	Fig	Number of Sections	Part Number	Codes ^b		
								ND	Cost	ST
5	300	+ 75-10	1.421	4.062	1	4 Section (μF/V) 300/300, 50/300, 5/300, 20/100	290-0419-00			OB
10	250	+ 75-10	1.015	2.062	1	2 Section (μF/V) 10/250, 10/250	290-0075-00			OB
10	250	+ 75-10	1.421	4.062	1	4 Section (μF/V) 10/250, 340/250	290-0224-00		2.270	CS
10	300	+ 75-10	1.421	2.562	1	4 Section (μF/V) 10/300, 10/400, 20/200, 40/400	290-0294-00			DL
10	350	+ 75-10	1.421	3.062	1	2 Section (μF/V) 10/350, 160/350	290-0059-00			OB
10	350	+ 75-10	1.015	2.062	1	3 Section (μF/V) 10/350, 10/350, 10/350	290-0004-00		1.040	CS
10	350	+ 75-10	1.015	2.562	1	3 Section (μF/V) 10/350, 10/450, 20/250	290-0195-00			OB
10	350	+ 75-10	1.015	4.062	1	3 Section (μF/V) 10/350, 50/150, 100/50	290-0126-00		1.810	CS
10	400	+ 50-10	1.421	2.562	1	4 Section (μF/V) 10/400, 10/300, 20/200, 40/400	290-0294-00			DL
10	450	+ 50-10	1.421	3.062	1	2 Section (μF/V) 10/450, 80/450	290-0085-00			OB
10	450	+ 50-10	1.015	2.562	1	3 Section (μF/V) 10/450, 10/450, 10/450	290-0005-00		1.670	CS
10	450	+ 50-10	1.421	2.062	1	4 Section (μF/V) 10/450, 10/450, 10/450, 10/450	290-0096-00		.777	CS
10	450	+ 50-10	1.015	2.562	1	3 Section (μF/V) 10/450, 10/350, 20/250	290-0195-00			OB
10	475	+ 50-10	1.421	3.062	1	3 Section (μF/V) 10/475, 20/475, 40/475	290-0062-00		.984	CS
10	500	+ 50-10	1.015	2.562	1	2 Section (μF/V) 10/500, 10/500	290-0150-00			OB
15	350	+ 75-10	1.015	2.062	1	2 Section (μF/V) 15/350, 15/350	290-0006-00			OB
15	450	+ 50-10	1.015	2.562	1	2 Section (μF/V) 15/450, 15/450	290-0007-00		.713	CS
20	25	+ 100-10	1.421	2.062	1	3 Section (μF/V) 20/25, 20/200, 100/250	290-0306-00		1.320	CS
20	100	+ 75-10	1.421	4.062	1	1 Section (μF/V) 20/100, 5/300, 50/300, 300/300	290-0419-00			OB
20	200	+ 75-10	1.421	2.562	1	4 Section (μF/V) 20/200, 10/300, 10/400, 40/400	290-0294-00			DL
20	200	+ 75-10	1.421	2.062	1	3 Section (μF/V) 20/200, 20/25, 100/250	290-0306-00		1.320	CS
20	250	+ 75-10	1.015	2.562	1	3 Section (μF/V) 20/250, 10/350, 10/450	290-0195-00			OB
20	350	+ 75-10	1.421	2.562	1	3 Section (μF/V) 20/350, 20/450, 40/250	290-0196-00			OB
20	350	+ 75-10	1.015	2.562	1	3 Section (μF/V) 20/350, 20/350, 20/350	290-0089-00			OB
20	450	+ 50-10	1.015	2.562	1	2 Section (μF/V) 20/450, 20/450	290-0010-00			OB
20	450	+ 50-10	1.421	2.562	1	3 Section (μF/V) 20/450, 20/350, 40/250	290-0196-00			OB
20	475	+ 50-10	1.421	3.062	1	3 Section (μF/V) 20/475, 10/475, 40/475	290-0062-00		.984	CS
20	475	+ 50-10	1.421	3.062	1	3 Section (μF/V) 20/475, 20/475, 40/475	290-0072-00			OB
40	150	+ 75-10	1.421	4.562	1	2 Section (μF/V) 40/150, 300/300	290-0182-00			OB
40	150	+ 75-10	1.015	1.562	1	2 Section (μF/V) 40/150, 40/150	290-0023-00		.804	CS
40	250	+ 75-10	1.421	2.562	1	3 Section (μF/V) 40/250, 20/350, 20/450	290-0196-00			OB
40	250	+ 75-10	1.421	4.562	1	2 Section (μF/V) 40/250, 250/350	290-0197-00			OB
40	250	+ 75-10	1.015	2.562	1	2 Section (μF/V) 40/250, 40/250	290-0185-00			OB
40	350	+ 75-10	1.421	2.562	1	2 Section (μF/V) 40/350, 40/350	290-0027-00		1.433	CS
40	400	+ 50-10	1.421	2.562	1	4 Section (μF/V) 40/400, 10/300, 10/400, 20/200	290-0294-00			DL
40	450	+ 50-10	1.421	2.562	1	2 Section (μF/V) 40/450, 40/450	290-0013-00		1.810	CS
40	475	+ 50-10	1.421	3.062	1	3 Section (μF/V) 40/475, 10/475, 20/475	290-0062-00		.984	CS
40	475	+ 50-10	1.421	3.062	1	3 Section (μF/V) 40/475, 20/475, 20/475	290-0072-00			OB
40	500	+ 50-10	1.438	3.125	1	2 Section (μF/V) 40/500, 40/500	290-0262-00			OB
50	150	+ 75-10	1.015	4.062	1	3 Section (μF/V) 50/150, 10/350, 100/50	290-0126-00		1.810	CS

NOTE: For Cleaning Guidelines, see Supplement Catalog (#7), Resistor & Capacitor Section.

^a There are often substantial size variations between different manufacturers of the same value capacitor. Care should be taken to leave room for the maximum size part indicated on the current Tektronix specification.

^b The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

ELECTROLYTIC, ALUMINUM (cont)

MULTI-SECTION (cont)

Capacitance μ F @ 120 Hz	Volts	Tol %	Max Body ^a Diameter (Inch)	Max Body Length (Inch)	Fig	Number of Sections	Part Number	Codes ^b		
								ND	Cost	ST
50	300	+ 75-10	1.421	4.062	1	4 Section (μ F/V) 50/300, 5/300, 20/100, 300/300	290-0419-00			OB
75	150	+ 75-10	1.015	3.062	1	2 Section (μ F/V) 75/150, 75/150	290-0024-00			OB
75	150	+ 75-10	1.015	3.062	1	3 Section (μ F/V) 75/150, 75/150, 75/150	290-0068-00		.630	CS
75	150	+ 75-10	1.421	2.562	1	4 Section (μ F/V) 75/150, 75/150, 75/150, 75/150	290-0070-00			OB
80	400	+ 75-10	1.421	3.562	1	2 Section (μ F/V) 80/400, 125/250	290-0156-00		10.030	CS
80	450	+ 50-10	1.421	3.062	1	2 Section (μ F/V) 80/450, 10/450	290-0085-00			OB
100	50	+ 100-10	1.015	2.062	1	2 Section (μ F/V) 100/50, 100/50	290-0118-00			OB
100	50	+ 100-10	1.015	4.062	1	3 Section (μ F/V) 100/50, 10/350, 50/150	290-0126-00		1.810	CS
100	250	+ 75-10	1.421	2.062	1	3 Section (μ F/V) 100/250, 20/25, 20/200	290-0306-00		1.320	CS
100	250	+ 75-10	1.370 Nom	2.000 Nom	2	2 Section (μ F/V) 100/250, 700/75	290-0438-00			OB
100	350	+ 75-10	1.421	3.062	1	2 Section (μ F/V) 100/350, 125/350	290-0077-00		1.320	CS
125	350	+ 75-10	1.421	3.062	1	2 Section (μ F/V) 125/350, 125/350	290-0130-00			OB
125	250	+ 75-10	1.421	3.562	1	2 Section (μ F/V) 125/250, 80/400	290-0158-00		10.020	CS
140	100	+ 75-10	1.015	3.062	1	2 Section (μ F/V) 140/100, 140/100	290-0277-00		.840	CS
160	350	+ 75-10	1.421	3.062	1	2 Section (μ F/V) 160/350, 10/350	290-0059-00			OB
200	25	+ 100-10	1.421	3.062	1	4 Section (μ F/V) 200/25, 300/100, 1000/6, 3000/25	290-0418-00			OB
200	250	+ 75-10	1.421	4.062	1	2 Section (μ F/V) 200/250, 200/250	290-0078-00		1.020	CS
250	350	+ 75-10	1.422	4.562	1	2 Section (μ F/V) 250/300, 40/250	290-0197-00			OB
300	100	+ 75-10	1.421	3.062	1	4 Section (μ F/V) 300/100, 3000/25, 200/25, 1000/6	290-0418-00			OB
300	300	+ 75-10	1.421	4.562	1	2 Section (μ F/V) 300/300, 40/150	290-0182-00			OB
300	300	+ 75-10	1.421	4.062	1	4 Section (μ F/V) 300/300, 5/300, 20/100, 50/300	290-0419-00			OB
340	250	+ 75-10	1.421	4.062	1	2 Section (μ F/V) 340/250, 10/250	290-0224-00		2.270	CS
700	50	+ 100-10	1.015	3.062	1	2 Section (μ F/V) 700/50, 700/50	290-0256-00		2.240	CS
700	75	+ 75-10	1.370 Nom	2.000 Nom	1	2 Section (μ F/V) 100/250, 700/75	290-0438-00			OB
1000	6	+ 100-10	1.421	3.062	1	4 Section (μ F/V) 1000/6, 200/25, 300/100, 3000/25	290-0418-00			OB
1000	15	+ 100-10	1.421	2.562	1	2 Section (μ F/V) 1000/15, 1000/15	290-0022-00		.781	CS
3000	25	+ 100-10	1.421	3.062	1	4 Section (μ F/V) 3000/25, 200/25, 300/100, 1000/6	290-0418-00			OB

NOT RECOMMENDED FOR NEW DESIGN

MULTI-SECTION

Capacitance μ F @ 120 Hz	Volts	Tol %	Max Body ^a Diameter (Inch)	Max Body Length (Inch)	Fig	Number of Sections	Part Number	Codes ^b		
								ND	Cost	ST
10	500	+ 50-10	1.046	2.562	2	2 Section (μ F/V) 10/500, 10/500	290-0668-00		2.370	CS
20	200	+ 75-10	1.015	2.562	1	2 Section (μ F/V) 20/200, 100/200	290-0361-00		2.226	CS
40	250	+ 75-10	1.015	2.062	1	2 Section (μ F/V) 40/250, 40/250	290-0012-00		3.370	CS
150	250	+ 75-10	1.406	3.109	2	2 Section (μ F/V) 150/250, 150/400	290-0549-00		2.420	CS

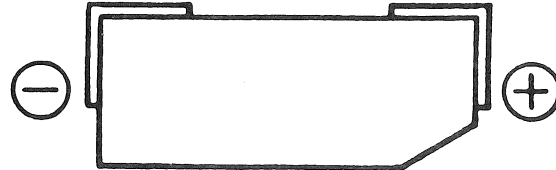
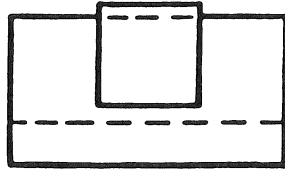
NOTE: For Cleaning Guidelines, see Supplement Catalog (#7), Resistor & Capacitor Section.

^a There are often substantial size variations between different manufacturers of the same value capacitor. Care should be taken to leave room for the maximum size part indicated on the current Tektronix specification.

^b The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

ELECTROLYTIC, TANTALUM (DRY)

SURFACE MOUNT (LEADLESS)



Capacitance μF @ 120 Hz	Volts	Tolerance $\pm \%$	ESR(Ω) ^a DF(%) Max	Maximum Width (Inch)	Maximum Length (Inch)	Maximum Height (Inch)	Part Number	Codes ^b		
								ND	Cost	ST
.47	25	20					290-5025-00			EN
1.	10	20					290-5013-00		.280	CR
1.	10	30					290-5011-00		1.923	CR
1.	35	20	4%/1 Ω	.110	.138	.083	290-5006-00		.173	PP
1.	35	20	4%	.118	.146	.083	290-5008-00		.300	EN
1.	35	20		.118	.146	.083	290-5007-00	U	.210	PP
1.	120	20	4%	.071	.130	.071	290-1093-00		.200	CR
2.2	7	20	6%	.071	.130	.071	290-1094-00		.350	CR
2.2	10	20					290-5014-00		.300	CR
2.2	15	20					290-5018-00		2.500	CR
2.2	20	20					290-5029-00			EN
3.3	25	20	6%	.138	.248	.110	290-5024-00			EN
4.7	10	20	6%	.102	.185	.071	290-5017-00	A	.250	CR
4.7	10	20	6%	.118	.146	.087	290-5019-00		.185	EN
4.7	10	20					290-5028-00			EN
10.	20	20	6%	.181	.299	.122	290-5002-00		.533	CR
15.	20	20					290-5015-00		.790	CR
15.	25	20	6%	.181	.295	.122	290-5009-00		.040	CR
22.	20	10	6%	.155	.299	.122	290-5004-00		.394	CR
22.	20	20					290-5016-00		.790	CR
33.	10	20					290-5026-00			EN
33.	16	10	6%	.181	.295	.118	290-5023-00	A	.542	CR
47.	5.5	10	6%/4 Ω	.189	.228	.134	290-5005-00		.415	CR
47.	10	20	6%	.192	.325	.203	290-5003-00	U	.640	CR
47.	10	20					290-1113-00		.396	CR
47.	20	20					290-5020-00		.580	EN
68.	6	20					290-5022-00			EN
100.	4	20					290-1114-00		.350	CR

^a DF and ESR are measured at 120 Hz, +25°C.

^b The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

ELECTROLYTIC, TANTALUM DRY

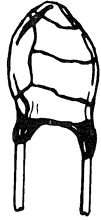


FIGURE 1

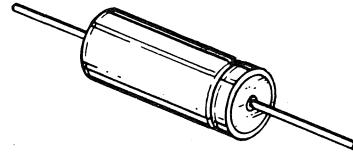


FIGURE 2

Capacitance μF @ 120 Hz	Volts	Tol ± %	ESR (Ω) ^a DF (%) Max	Max Dia (Inch)	Max Length (Inch)	Min Lead Length (Inch)	Max Lead Spacing (Inch)	Other	Ml ^b	Fig	Part Number	Codes ^c		
												ND	Cost	ST
.047	35	10	4%	.151	.317	1.250			Y	2	290-0282-00	U	.097	CR
.1	35	10	4%	.151	.317	1.250			Y	2	290-0188-00	U	.097	CR
.1	50	20	4%	.175	.375	.625	.155			1	290-0572-00		.077	CR
.22	20	+50-20		.070	.125	1.250				2	290-0396-00			OB
.22	35	10	4%	.151	.317	1.250			Y	2	290-0264-00	U	.104	CR
.22	35	5	4%	.151	.317	1.250			Y	2	290-0269-00	U	.132	CR
.22	35	5	4%	.110	.300	.875			Y	2	290-0269-01		.132	CR
.27	35	10	4%	.151	.317	1.250				2	290-0288-00	U	.155	OT
.27	50	20	4%	.175	.375	.625	.155			1	290-0580-00	U	.077	CR
.27	50	20	4%	.175	.425		.100		Y	1	290-0580-01		.077	CR
.33	20	10	3%	.155	.317	1.250			Y	2	290-0814-00		.155	CR
.47	20	10	3%	.317	1.625	.125			Y	2	290-0448-00		.160	CS
.47	35	5	4%	.151	.317	1.250			Y	2	290-0244-00	A	.142	CR
.47	35	10	4%	.151	.317	1.250			Y	2	290-0283-00	U	1.040	CR
.56	100	20	3%	.151	.317	1.250			Y	2	290-0327-00	U	.620	CR
.68	35	10	4%	.151	.317	1.250			Y	2	290-0276-00	U	.105	CR
.68	75	20	2%	.151	.317	1.250			Y	2	290-0420-00		.296	CR
1.	5.5	+40-20		1.320	1.710	.590 Nom	1.300			1	290-1044-00	U	3.680	CS
1.	20	20	4%		.190 x .070						290-0699-00		.435	CR
1.	35	10	4%	.151	.317	1.250		Chip	Y	2	290-0183-00	U	.104	CR
1.	35	20	4%	.151	.317	1.250			Y	2	290-0267-00	U	.095	CR
1.	35	20	3%	.175	.350	.155	.200		Y	1	290-0534-02			CR
1.	35	20	4%	.175	.375	.625	.155			1	290-0534-00		.060	CR
1.	35	20	6%	.095	.281	1.250				2	290-0308-00		.260	CR
1.	50	20	4%	.151	.317	1.250			Y	2	290-0177-00	U	.105	CR
1.	50	20	3%	.175	.350	.155	.200		Y	1	290-0522-01			EN
1.	50	20	4%	.175	.375	.625	.155			1	290-0522-00		.076	CR
1.5	10	10	6%	.151	.317	1.250			Y	2	290-0245-00		.154	CR
2.2	20	10	6%	.151	.317	1.250				2	290-0488-00		.110	CR
2.2	20	20	6%	.151	.317	1.250			Y	2	290-0136-00	A	.105	CR
2.2	20	20	6%	.175	.375	.625	.155			1	290-0523-00		.070	CR
2.2	25	20	4%	.151	.290	1.250				2	290-0136-02		.105	CR
2.7	15	10	6%	.151	.317	1.250			Y	2	290-0263-00	U	.125	CR
2.7	20	10	6%	.110	.315	1.250			Y	2	290-0808-00	A	.104	CR
2.7	50	20	6%	.250	.500	.625	.155			1	290-0573-00		.138	CR
2.7	50	20	6%	.250	.637		.200		Y	1	290-0573-01		.170	CR
3.3	15	10	6%	.151	.317	1.250			Y	2	290-0246-00	A	.153	CR
3.3	75	20	4%	.201	.505	1.375				2	290-0700-00		.850	CS
4.	150	+75-15	15%	.327	1.063	1.250		Foil		2	290-0184-00			OB
4.7	10	5	4%	.155	.320	1.250			Y	2	290-0983-00		.295	CR

NOTE: For information on Reverse Bias Capabilities, see Supplement Catalog (#7), Resistor & Capacitor Section.

^a ESR and DF are measured at 120 Hz, +25°C.

^b Machine Insertable.

^c The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog. Tantalum capacitor prices have risen 50 percent to 400 percent in the last three years and the prices listed here may not be current. Consider using Aluminum Electrolytics wherever possible.

ELECTROLYTIC, TANTALUM (cont)

DRY (cont)

Capacitance μF @ 120 Hz	Volts	Tol ± %	ESR (Ω) ^a DF (%) Max	Max Dia (Inch)	Max Length (Inch)	Min Lead Length (Inch)	Max Lead Spacing (Inch)	Other	MI ^b	Fig	Part Number	Codes ^c		
												ND	Cost	ST
4.7	10	20	6%	.175	.375	.625	.155			1	290-0524-00	A	.071	CR
4.7	10	20	6%	.175	.375		.131		Y	1	290-0524-01		.070	CR
4.7	35	10	60.2 Ω	.215	.493					2	290-0956-00		.300	CR
4.7	35	10	4%	.180	.350	.875			Y	2	290-1045-00		.175	CR
4.7	35	10	4%	.201	.505	1.250			Y	2	290-0284-00		.215	CR
4.7	35	20	4%	.201	.505	1.250			Y	2	290-0187-00		.210	CR
4.7	50	20	4%	.201	.505	1.250			Y	2	290-0395-00		.220	CR
4.7	50	20	6%	.250	.500	.625	.155			1	290-0525-00		.175	CR
5.6	6	10	6%	.151	.317	1.250			Y	2	290-0247-00	U	.105	CR
5.6	35	10	4%	.201	.505	.700			Y	2	290-0415-00		.250	CR
6.8	6.3	20	8%	.175	.375	.625	.155			1	290-0526-00		.070	CR
6.8	35	10	6%	.201	.505	1.250			Y	2	290-0261-00		.240	CR
6.8	35	20	8%	.250	.500	.625	.155			1	290-0517-00		.135	CR
6.8	100	+20-0	6%	.305	.717	1.250				2	290-0486-00		3.040	CR
8.2	60	20		.289	.686	1.500				2	290-0270-00			NP
8.2	75	20	4%	.299	.727	1.250				2	290-0716-00		1.240	CR
10.	15	20	6%	.201	.505	1.250			Y	2	290-0167-00		.210	CR
10.	20	10	6%	.201	.505	1.250			Y	2	290-0301-00		.260	CR
10.	20	10	6%	.330	1.465	1.250		Non-polar		2	290-0616-00		1.320	CS
10.	25	20	8%	.250	.500	.625	.155			1	290-0536-00		.152	CR
10.	35	20	6%	.305	.717	1.250				2	290-0175-00	U	.766	CR
10.	35	20	.03%	.289	.717	1.250				2	290-0175-01		.900	CS
11.	35	5	6%	.330	1.381	1.250		Non-polar		2	290-0404-00		2.190	CS
15.	20	20	6%	.201	.505	1.250			Y	2	290-0135-00		.210	CR
15.	20	20	8%	.250	.500	.625	.155			1	290-0527-00		.151	CR
15.	20	20	8%	.250	.500		.228		Y	1	290-0527-03		.158	CR
15.	20	20	15%	.201	.505	1.250			Y	2	290-0135-01		.240	CR
15.	25	20	6%	.375 x .185		1.000	.205	Molded		1	290-0876-00	U	1.920	CR
15.	50	20	8%	.350	.650	.155	.280			1	290-0717-00		.840	CR
15.	50	20	8%	.450	.650	.875	.280			1	290-0528-00		.670	CR
17.	150	+30-15	15%	.421	1.626	1.250		Foil-Non-polar		2	290-0198-00			OB
19.	20	10	6%	.330	1.465	1.250				2	290-0447-00			OB
22.	15	20	6%	.305	.717	.600			Y	2	290-0134-00	U	.210	CR
22.	15	20	8%	.250	.500	.625	.155			1	290-0512-00	U	.151	CR
22.	35	20	6%	.305	.717	1.250				2	290-0162-00		.580	CR
22.	35	20	8%	.350	.650	.875	.280			1	290-0718-00		.439	CR
22.	35	20	8%	.450	.650	.875	.265			1	290-0559-00	A	.441	CR
22.	50	20	8%	.600	.660	.875	.265			1	290-0706-00		1.110	CR
33.	10	20	6%	.260	.500	.276	.140			1	290-0535-00	U	.160	CR
33.	10	20	15%	.260	.500	.276	.140			1	290-0535-01		.166	CR
33.	35	10	6%	.367	.817	1.250				2	290-0189-00		2.000	CS
39.	10	10	6%	.201	.505	.600			Y	2	290-0297-00		.250	CR
47.	6	20	6%	.201	.505	1.250			Y	2	290-0114-00	A	.210	CR
47.	10	20	6%	.180	.420	.750			Y	2	290-1021-00		.202	CR
47.	20	10	8%	.450	.650	.875	.265			1	290-0574-00		.434	CR
47.	20	20	6%	.305	.717	1.250				2	290-0539-00		.590	CR
47.	20	20	8%	.450	.650	.500	.265			1	290-0529-00	U	.434	CR
47.	25	20	8%	.350	.650	.155	.280			1	290-0719-00		.902	CR
47.	25	20	8%	.350	.650	.155				1	290-0719-01			OB
47.	25	20	8%	.600	.800	.500	.265			1	290-0560-00		1.050	CR
47.	35	10	6%	.367	.817	1.250				2	290-0312-00		1.240	CR
47.	35	10	6%	.370	.820	1.250				2	290-0982-00	U	2.340	CR
47.	35	20	6%	.367	.817	1.250			Y	2	290-0316-00		1.080	CR
68.	6	20	8%	.250	.500	.625	.155			1	290-0530-00		.150	CR
68.	15	20	8%	.350	.650	.155	.280			1	290-0720-00		.434	CR
100.	10	20	10%	.350	.650	.155	.280			1	290-0722-00		.434	CR
100.	10	20	10%	.450	.500	.875	.280			1	290-0531-00		.490	CR
100.	20	10	8%	.367	.817	1.250			Y	2	290-0302-00		1.110	CR
100.	20	20	8%	.367	.817	1.250				2	290-0296-00		1.200	CR
100.	20	20	8%	.367	.817	1.250				2	290-0425-00		1.200	CR

NOTE: For information on Reverse Bias Capabilities, see Supplement Catalog (#7), Resistor & Capacitor Section.

^a ESR and DF are measured at 120 Hz, +25°C.

^b Machine Insertable.

^c The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog. Tantalum capacitor prices have risen 50 percent to 400 percent in the last three years and the prices listed here may not be current. Consider using Aluminum Electrolytics wherever possible.

ELECTROLYTIC, TANTALUM (cont) **DRY (cont)**

Capacitance μ F @ 120 Hz	Volts	Tol \pm %	ESR (Ω) ^a DF (%) Max	Max Dia (Inch)	Max Length (Inch)	Min Lead Length (Inch)	Max Lead Spacing (Inch)	Other	MI ^b	Fig	Part Number	Codes ^c		
												ND	Cost	ST
100.	20	20	10%	.600	.800	.875	.280			1	290-0519-00		1.020	CR
100.	20	20	10%	.400	.650	.155	.280			1	290-0721-00		.985	CR
120.	10	20	8%	.305	.717	1.250				2	290-0140-00		.487	CS
150.	6	20	10%	.350	.650	.155	.280			1	290-0723-00		.500	CR
150.	6	20	10%	.350	.650	.155	.280			1	290-0532-00	A	.520	CR
150.	6	20	10%	.500	.360	.500	.280		Y	1	290-0532-01	U	.850	CS
150.	15	20	8%	.367	.817	1.250				2	290-0248-01		1.190	CR
150.	15	20	10%	.430	.810	.500	.250			1	290-0671-00			OB
160.	50	+ 50-15	15%	.406	2.250	1.250		Foil		2	290-0785-00	U	3.180	CS
180.	6	20	8%	.305	.717	1.250				2	290-0139-00		.580	CR
220.	10	20	8%	.400	.750	.155	.280			1	290-0726-00	U	1.750	CR
220.	10	20	10%	.600	.760	1.000	.265			1	290-0662-00		1.250	CS
330.	6	20	8%	.367	.817	1.250				2	290-0138-00		1.200	CR
330.	6	20	8%	.361	.817	1.250				2	290-0426-00		1.200	CR
330.	6	20	10%	.600	.800	.875	.280			1	290-0533-00		.985	CR
330.	6	20	10%	.400	.750	.155	.280			1	290-0724-00		.985	CR
330.	10	20	8%	.367	.867	1.250			Y	2	290-0299-00		1.980	CS
330.	10	20	8%	.361	.817	1.250				2	290-0299-01	U	4.200	CS
350.	15	+ 75-15	1.15 Ω	.421	2.938	1.250		Non-polar, Foil		2	290-0208-00		19.670	CR
420.	30	+ 75-10	10%	.406	2.313	1.250		Foil		2	290-0487-00		9.680	CR
600.	15	+ 75-15	30%	.421	2.938	1.250		Non-polar, Foil		2	290-0542-00		11.430	CR

NOTE: For information on Reverse Bias Capabilities, see Supplement Catalog (#7), Resistor & Capacitor Section.

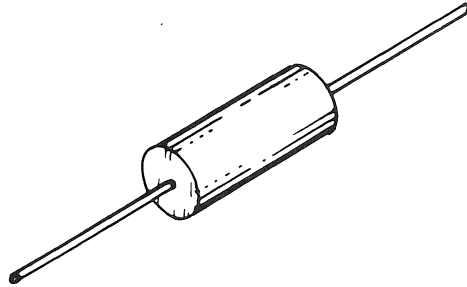
^a ESR and DF are measured at 120 Hz, +25°C.

^b Machine Insertable.

^c The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog. Tantalum capacitor prices have risen 50 percent to 400 percent in the last three years and the prices listed here may not be current. Consider using Aluminum Electrolytics wherever possible.

ELECTROLYTIC, TANTALUM (cont)

WET



TUBULAR (AXIAL)

Capacitance μF	Volts	Tol $\pm \%$	ESR (Ω) ^a DF (%)	Max Dia (Inch)	Max Length (Inch)	Min Lead Length	Ripple Current	MI ^b	Part Number	Codes ^c		
										ND	Cost	ST
3.	150	20	10 Ω	.234	.515	.700	100 mA	Y	290-0305-00		1.140	CR
3.	150	10	3%	.234	.515	1.250		Y	290-0305-01		1.050	CR
3.6	125	10	2%	.234	.515	1.250			290-0392-00		1.050	CR
9.	125	-15 + 20	4%	.327	.703	1.250			290-0271-00		1.690	CR
10.	50	10	6%	.234	.515	1.250			290-0340-00		1.000	CR
15.	30	10	5%	.234	.515	1.250			290-0391-00		.910	CR
20.	10	10	8%	.234	.515	1.250		Y	290-0441-00		1.393	CR
43.	100	10	13%	.421	.828	1.250			290-0332-00		2.930	CS
47.	50	20	11%	.327	.703	1.250			290-0272-00		1.720	CR
50.	25	-15 + 75	11%	.327	.703	1.250			290-0158-00		1.580	CR
68.	60	10	16%	.421	.828	1.250			290-0273-00		2.210	CR
100.	25	20	23%	.327	.703	1.250		Y	290-0309-00		1.670	CR
100.	30	-15 + 75	15%	.421	.828	1.250			290-0137-00		2.930	CR
110.	75	10	22%	.421	1.312	1.250			290-0393-00		2.530	CR
110.	75	20	22%	.421	1.312	1.250			290-0330-00			OB
160.	50	10	22%	.421	1.312	1.250			290-0394-00	U	2.530	CR
270.	15	20	61%	.421	.828	1.250			290-0323-00			OB
510.	25	-10 + 75	38%	.391	.782	1.250			290-0513-00		2.960	CR
820.	6	10	150%	.327	.710	1.250	250 mA		290-0326-02	U	1.710	CR
820.	6	20	170%	.327	.703	2.000			290-0708-00		1.171	CR
1000.	10	20	1.5 Ω	.421	.828	2.000	500 mA		290-0650-00		2.840	CR

NOTE: For Cleaning Guidelines, see Supplement Catalog, Resistor & Capacitor Section.

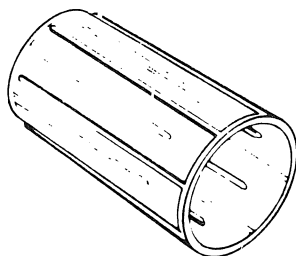
Wet Slug Tantalum capacitors will tolerate no reverse bias. See Supplement Catalog, Resistor & Capacitor Section for more information.

^a ESR and DF are measured at 120 Hz, +25°C.

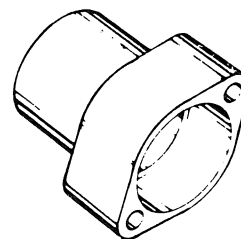
^b Machine Insertable.

^c The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog. Tantalum capacitor prices have risen 50 percent to 400 percent in the last three years and the prices listed here may not be current. Consider using Aluminum Electrolytics wherever possible.

CAPACITOR MOUNTING HARDWARE



COVER, CAPACITOR



BASE, CAPACITOR MOUNTING

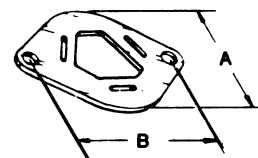
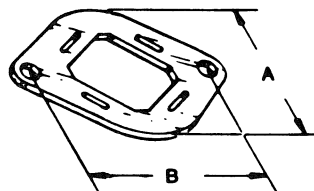
Outside Dia (Inch)	Length (Inch)	Material	Part Number	Codes ^a		Length (Inch)	Inside Dia (Inch)	Material	Part Number	Codes ^a	
				Cost	ST					Cost	ST
.152	.094	Mylar	200-0993-00		DL	.649	1.380	Nylon (Natural)	432-0044-01	.211	CR
.212	.125	Mylar	200-2829-00		DL	1.344	.980	Nylon (Natural)	432-0047-01	.332	CR
.292	.190	Mylar	200-0348-00		DL	1.356	1.400	Acetal (Delrin)	432-0048-02	.521	CR
.375	.312	Mylar	299-0390-00		DL	1.375	1.355	Acetal (Delrin)	432-0048-03	.157	CR
.469	.310	Mylar	200-0343-00		DL	1.375	1.800	Acetal (Delrin)	432-0114-00	.234	CS
.533	.310	Mylar	200-0306-00		DL	1.570	2.000	Polyamide	432-0088-01	.439	CS
.533	.310	Mylar	200-0306-01		DL	2.375	1.412	Polyamide	432-0048-05	.604	CS
.580	.312	Mylar	200-0600-00		DL						
.641	.288	Mylar	200-0424-00		DL						
.723	.288	Mylar	200-0535-00		DL						
.990	1.594	Polyethylene	200-0532-00	.178	CS						
1.000	.750	Polyethylene	200-0533-00	.212	CS						
1.000	2.031	Polyethylene	200-0256-00	.214	CR						
1.000	2.531	Polyethylene	200-0257-00	.182	CS						
1.000	3.031	Polyethylene	200-0255-00		OB						
1.000	3.562	Polyethylene	200-0294-00	.388	CS						
1.365	1.644	Polyethylene	200-0538-00	.252	CR						
1.365	2.144	Plastic	200-0260-00	.113	CR						
1.365	2.562	Polyethylene	200-0293-00	.188	CR						
1.365	3.031	Polyethylene	200-0258-00	.191	CR						
1.365	3.600	Polyethylene	200-0259-00	.239	CR						
1.365	4.062	Polyethylene	200-0261-00		OB						

POLYPROPYLENE

POLYETHYLENE



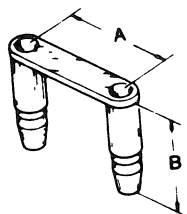
RING, CAPACITOR MOUNTING



FLANGE (CHASSIS, CAPACITOR MOUNTING)

Inside Diameter	Material	Part Number	Codes ^a		Size	Material	Dim A	Dim B	Part Number	Codes ^a	
			Cost	ST						Cost	ST
.262	Polypropylene	426-0225-00		OB	Small	Fiber	1.344	1.500	386-0252-00	.200	CR
.422	Polyethylene	354-0253-00		OB	Small	Metal	1.343	1.500	386-0253-00	.222	CR
.501	Polyethylene	354-0566-00		OB	Small	Metal	1.344	1.500	386-0416-00		DL
.520	Polyethylene	354-0068-00	.073	CS	Large	Fiber	1.531	1.812	386-0254-00	.036	CR
					Large	Metal	1.500	1.812	386-0255-00	1.140	CR
					Large	Metal	1.500	1.812	386-0417-00		DL

RETAINER, CAPACITOR



ACETAL (DELIN)

Dim A	Dim B	Size	Part Number	Codes ^a	
				Cost	ST
.438	.389	Large	214-0153-00		OB
.296	.318	Small	214-0456-00	.019	CS

NOTE: Capacitor Clips and Holders can be found in Section 9 of the Mechanical Catalog.

^a The nominal price (at time of printing) is listed in the cost column. For Status Codes, see tab marked CODES in the back of this catalog.

MACHINE INSERTABLE - AXIAL LEAD

TANTALUM ELECTROLYTIC

Capacitance μF	Volts	Tolerance $\pm \%$	Length (Inch)	Part Number
.047	35	10	.317	290-0282-00
.1	35	10	.317	290-0188-00
.22	35	10	.317	290-0264-00
.22	35	5	.317	290-0269-00
.22	35	5	.300	290-0269-01
.33	20	10	.317	290-0814-00
.47	20	10	1.625	290-0448-00
.47	35	5	.317	290-0244-00
.47	35	10	.317	290-0283-00
.56	100	20	.317	290-0327-00
.68	35	10	.317	290-0276-00
.68	75	20	.317	290-0420-00
1.	35	10	.317	290-0183-00
1.	35	20	.317	290-0267-00
1.	50	20	.317	290-0177-00
1.5	10	10	.317	290-0245-00
2.2	20	20	.317	290-0136-00
2.7	15	10	.317	290-0263-00
2.7	20	10	.315	290-0808-00
3.	10	20	.515	290-0305-00
3.	150	10	.515	290-0305-01
3.3	15	10	.317	290-0246-00
4.7	10	5	.320	290-0983-00
4.7	35	10	.505	290-0284-00
4.7	35	20	.505	290-0187-00
4.7	50	20	.505	290-0395-00
4.7	35	10	.350	290-1045-00
5.6	6	10	.317	290-0247-00
5.6	35	10	.505	290-0415-00
6.8	35	10	.505	290-0261-00
10.	15	20	.505	290-0167-00
10.	20	10	.505	290-0301-00
15.	20	20	.505	290-0135-00
15.	20	20	.505	290-0135-01
20.	10	10	.515	290-0441-00
22.	15	20	.717	290-0134-00
39.	10	10	.505	290-0297-00
47.	6	20	.505	290-0114-00
47.	10	20	.420	290-1021-00
47.	35	20	.817	290-0316-00
100.	20	10	.817	290-0302-00
100.	25	20	.703	290-0309-00
330.	10	20	.867	290-0299-00

ALUMINUM ELECTROLYTIC

Capacitance μF	Volts	Tolerance $\pm \%$	Length (Inch)	Part Number
1.	50	20	.551	290-1127-00
1.	160	+50 -10	.567	290-0164-00
10.	25	+50-20	.624	290-0748-00
10.	50	+75-10	.811	290-0145-00
10.	150	+50-10	1.061	290-0405-00
10.	50	20	.567	290-1107-00
20.	50	+75-10	.936	290-0255-00
22.	16	20	.511	290-1086-00
25.	25	+75-10	.811	290-0107-00
47.	10	20	.472	290-1076-00
47.	25	20	.936	290-0287-00
50.	25	+75-10	1.061	290-0209-00
68.	10	20	.551	290-1123-00
100	16	+50-20	.886	290-0743-00
100	25	+75-10	1.061	290-0215-00
100	25	+75-20	.886	290-0747-00
100	40	+75-10	1.469	290-0307-00
100	50	+75-10	1.567	290-0725-00
100	63	+50-20	1.060	290-0817-00
1000	10	+50-10	1.063	290-0773-00

SECTION 14

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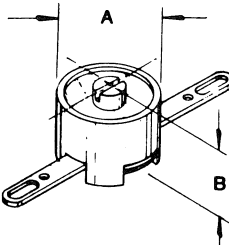
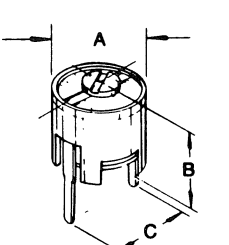
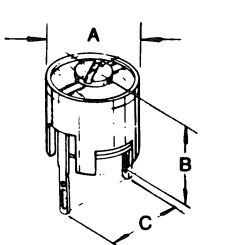
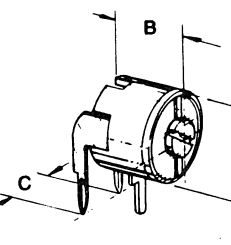
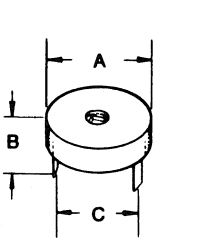
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In the Resistor & Capacitor Section of the Supplement Catalog 7, you will find the following information:

- Capacitors, Variable - Application Notes
- Temperature Characteristics
- Cleaning Guidelines
- Component Selection Guide

CATALOG WRITER: SANDRA PHILLIPS, 629-3030

CERAMIC MINIATURE DISC

														
FIGURE 1			FIGURE 2			FIGURE 3			FIGURE 4			FIGURE 5		
Capacitance (pF)		Voltage Rating (VDC)	Temperature Coefficient ^a (ppm/°C)	Maximum Dimensions			Fig	Part Number	Codes ^b					
Maximum	Minimum			A	B	C			ND	Cost	ST			
8.	2.	350	A	.390	.350	.378	3	281-0060-00	U	.340	CR			
8.	2.	350	A	.390	.352	.315	4	281-0089-00		.510	CR			
8.	2.	350	A	.390	.345	.315	2	281-0091-00		.330	CR			
18.	5.5	350	A	.390	.350	.378	3	281-0061-00	U	.520	CR			
18.	5.5	350	A	.390	.345	.315	2	281-0093-00		.320	CR			
18.	5.5	350	A	.390	.330		1	281-0094-00			OB			
18.	5.5	350	A	.390	.245	.315	4	281-0096-00	U	.350	CR			
21.	4.5	.500		.687	.406		1	281-0010-00		.915	CR			
25.	7.	350	B	.390	.350	.378	3	281-0175-00			OB			
25.	7.	350	B	.390	.352	.315	2	281-0160-00		.330	CR			
35.	9.	200	D	.390	.350	.378	3	281-0063-00	U	.350	CR			
35.	9.	200	D	.390	.345	.315	2	281-0092-00		.320	CR			
35.	9.	200	D	.390	.345	.315	4	281-0097-00		.340	CR			
45.	9.	200	D	.390	.345	.315	2	281-0167-00		.340	CR			
45.	9.	200	D	.390	.350	.378	3	281-0171-00		.390	CS			
45.	9.	200	D	.390	.345	.315	4	281-0240-00		.980	CS			
50.	7.5	400	-700 ± 300	.375	.261	.330	5	281-0245-00	U	.650	CR			

^a Refer to the Resistor & Capacitor section of the Supplement Catalog (#7), under Capacitor, Variable Temperature Characteristic for more information.

^b The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

CERAMIC (cont)

SUBMINIATURE DISC

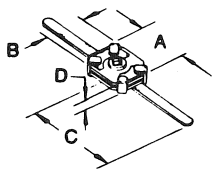


FIGURE 1

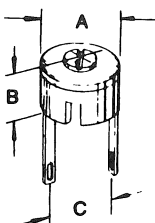


FIGURE 2

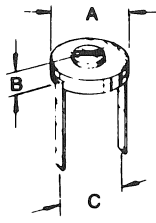


FIGURE 3

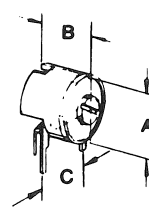


FIGURE 4

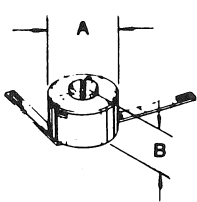


FIGURE 5

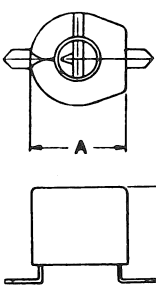


FIGURE 6

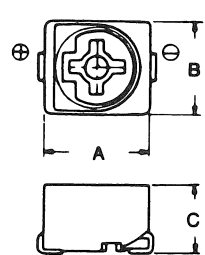


FIGURE 7

Capacitance (pF)		Voltage Rating (VDC)	Temperature Coefficient ^a (ppm/°C)	Maximum Dimensions				MI ^b	Figure	Part Number	Codes ^c		
Maximum	Minimum			A	B	C	D				ND	Cost	ST
2.	.6	250	-200 ± 200	.140	.125	.202	.040		1	281-0224-00		2.400	CR
3.	1.	100	A	.233	.195	.182			2	281-0151-00	U	.450	CR
3.	1.	100	A	.233	.206				5	281-0201-00		1.230	CR
3.	1.5	100	A	.269	.205	.230			4	281-0170-00		.960	CR
3.	1.7	100	± 200	.167	.177	.106		Y	7	281-5006-00	U	.500	CR
4.	1.5	250	± 250	.205	.217	.197			4	281-0305-00		.330	CR
5.	1.	100	+ 1.1 to -3.8 from 25°C to 85°C	.210	.080	.200			3	281-0218-00		.760	CR
5.	1.5	100	± 200	.256	.209	.277			3	281-0266-00		.150	CR
6.	1.5	25	± 300	.136	.136	.255	.091		1	281-0285-00		.810	CR
6.	2.	100	± 200	.185	.165	.126		Y	7	281-5004-00		.287	CR
9.	2.5	100	A	.256	.197	.226			3	281-0249-00		2.650	CS
9.	2.5	100	A	.233	.200	.205			2	281-0122-00	U	.680	CR
9.	2.5	100	A	.233	.190	.250			4	281-0139-00		.680	CR
10.	2.	100	+ 1.1 to -3.8 from 25°C to 85°C	.206	.080	.225			3	281-0221-00		.760	CR
10.	2.	100	from 25°C to 85°C	.211	.211	.307	.080		1	281-0221-01		1.320	CR
10.	2.8	250	-600 ± 300	.205	.217	.197			4	281-0315-00		.500	CR
11.	3.	100	-450 ± 300	.236	.209	.270			3	281-0254-00		.100	CR
15.	5.	100	A	.233	.200	.205			2	281-0161-00		.680	CR
20.	2.5	250	-450 ± 200	.276	.135	.295			4	281-0303-00		.390	CR
20.	3.3	250	-800 ± 300	.205	.217	.197			4	281-0306-00		.330	CR
20.	4.2	100	-750 ± 300	.236	.228				6	281-0262-00			DL

^a Refer to the Resistor & Capacitor section of the Supplement Catalog (#7), under Capacitor, Variable Temperature Characteristic for more information.^b Machine Insertable.^c The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

CERAMIC (cont)

SUBMINIATURE DISC (cont)

Capacitance (pF)		Voltage Rating (VDC)	Temperature Coefficient ^a (ppm/°C)	Maximum Dimensions				MI ^b	Figure	Part Number	Codes ^c		
Maximum	Minimum			A	B	C	D				ND	Cost	ST
25.	3.8	250	-1400 ± 700	.205	.217	.197			4	281-0307-00		.330	CR
25.	5.	100	A	.233	.200	.205			2	281-0123-00		.660	CR
25.	5.	100	A	.259	.190	.205			4	281-0140-00		.680	CR
25.	5.	100	A	.233	.206				5	281-0200-00		1.230	CR
30.	5.2	100	-750 ± 300	.256	.209	.277			3	281-0265-00		.120	CR
35.	5.	100	+ 2.2 to -4.8 from 25°C to 85°C -4.8% to -8.4%	.210	.070	.225			3	281-0219-00	U	.780	CR
40.	5.	250	-1600 ± 800	.205	.217	.197			4	281-0304-00		.360	CR
45.	7.	100	A	.220	.205	.205			2	281-0158-00	U	.660	CR
45.	7.	100	A	.220	.205	.205			2	281-0158-01	U	.790	CR
45.	7.	100	-1200 ± 500	.256	.209	.277			3	281-0252-00		.890	CR
45.	7.	100		.259	.190	.205			4	281-0269-00 ^d	N	1.520	LR
45.	10.	100	A	.256	.197	.226			3	281-0250-00			DL
50.	6.	250	-1600 ± 800	.205	.217	.205			3	281-0294-00		.400	CR
50.	6.	50	± 300	.236	.189	.205			3	281-0267-00		.550	CR
50.	6.	50	± 300	.290	.300	.200			4	281-0298-00	U	.350	CR
50.	7.	50	-750 ± 300	.185	.165	.126		Y	7	281-0271-00		.325	CR
60.	9.8	100	-1200 ± 500	.236	.228				6	281-0263-00			DL
70.	12.	100	-1200 ± 500	.256	.209	.227			3	281-0278-00		.140	CR
90.	9.	50	± 600	.256	.228				6	281-0270-00		.440	CR

^a Refer to the Resistor & Capacitor section of the Supplement Catalog (#7), under Capacitor, Variable Temperature Characteristic for more information.

^b Machine insertable.

^c The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

^d Safety controlled.

CERAMIC (cont)

TUBULAR

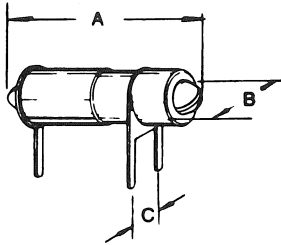


FIGURE 1

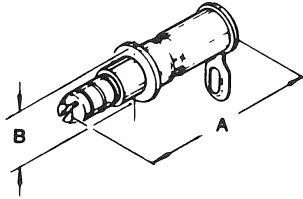


FIGURE 2

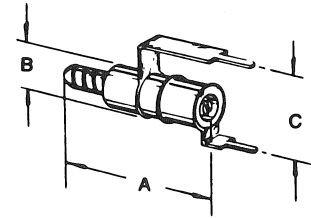


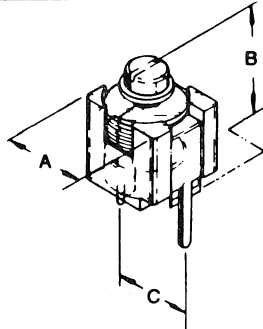
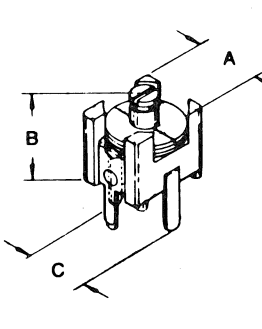
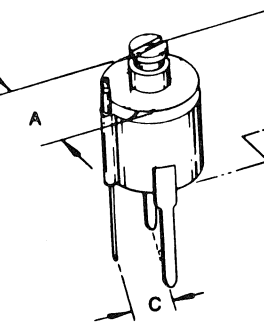
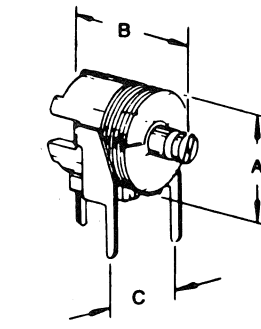
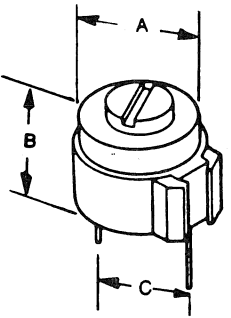
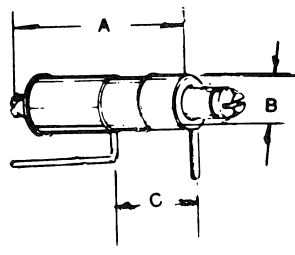
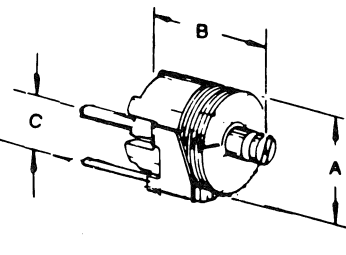
FIGURE 3

Capacitance (pF)		Voltage Rating (VDC)	Temperature Coefficient ^a (ppm/°C)	Maximum Dimensions			Fig	Part Number	Codes ^b		
Maximum	Minimum			A	B	C			ND	Cost	ST
3.	.6	400	+150 ± 200	.768	.158	.303	3	281-0214-00		.810	CR
3.5	.6	400	-250 + 150	.540	.248	.204	1	281-0217-00		1.410	CR
3.5	.8	400	-200 ± 200	.739	.217		2	281-0213-00		.730	CR
5.	1.	400	-200 ± 450	.768	.158	.303	3	281-0220-00		.970	CR
5.	1.	400	-300 ± 300	.528	.248	.204	1	281-0222-00		.463	CS
6.	.8	400	-100 ± 200	.677	.256	.204	1	281-0216-00		1.720	CR
10.	1.2	400	-100 ± 200	.669	.256	.204	1	281-0215-00		1.330	CR

^a Refer to the Resistor & Capacitor section of the Supplement Catalog (#7), under Capacitor, Variable Temperature Characteristic for more information.

^b The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

PLASTIC DIELECTRIC

												
FIGURE 1			FIGURE 2			FIGURE 3			FIGURE 4			
									FIGURE 7			
Capacitance (pF)		Voltage Rating (VDC)	Temperature Coefficient ^a (ppm/°C)	Dielectric	Maximum Dimensions			Fig	Part Number	Codes ^b		
Maximum	Minimum				A	B	C			ND	Cost	ST
1.37	.35	350			.547	.222	.265	6	281-0053-00		.580	CR
3.5	1.	300	-250 ± 150	Teflon	.292	.360	.200	1	281-0178-00		.380	CR
4.	1.2	100	± 350		.216	.197		5	281-0302-00	U	.600	CR
5.	1.2	100	± 300	Polyimide	.216	.236	.197	5	281-0296-00			NP
5.5	1.5	100	-1050 + 600	Polypropylene	.315	.421	.200	3	281-0202-00		.320	CR
7.	3.	350		Polystyrene	.546	.222	.266	6	281-0027-00		3.000	CR
9.	2.8	100	-500 ± 300	Teflon	.315	.422	.200	3	281-0206-00		.220	CR
10.	1.8	300	-350 ± 150	Teflon	.292	.360	.200	1	281-0182-00		.430	CR
10.	1.8	300	-350 ± 150	Teflon	.292	.360	.200	1	281-0182-01		.430	CR
10.	2.	100	-50 ± 450	Polypropylene	.315	.422	.200	3	281-0203-00	U	.516	CR
10.	2.	100	+ 100 ± 400	Polypropylene	.335		.310	4	281-0280-00		.350	CR
15.	2.	100	± 300	Teflon	.216	.236	.197	5	281-0317-00			EN
18.	2.	100	-600 + 250	Teflon	.315	.421	.200	3	281-0207-00		.260	CR
18.	2.	300	-350 ± 150	Teflon	.292	.360	.200	1	281-0184-00		.480	CR
18.	2.	250	-250 ± 200	Teflon	.315	.400	.300	2	281-0185-00		.500	CR
20.	2.5	100	± 200	Polyimide	.216	.236	.228	5	281-0282-00			NP
22.	2.	100	-125 ± 475	Polypropylene	.315	.422	.200	3	281-0204-00		.230	CR
22.	2.2	100	+ 100 ± 400	Polypropylene	.335		.310	4	281-0281-00		.980	CR
27.	3.9	100	± 300	Teflon	.310	.402	.148	3	281-0320-00			P
32.	3.2	100	± 200	Polyimide	.216	.236	.236	5	281-0297-00			NP
38.	4.	100	- 50 ± 200	Teflon	.393	.433	.395	4	281-0226-00		.680	CR
40.	4.	250	-250 ± 200	Polyimide	.413	.433	.308	2	281-0187-00		.650	CR
45.	5.	100	± 300	Teflon	.310	.449	.148	3	281-0318-00			PP
50.	5.5	100	-300 ± 400	Teflon	.417	.489	.300	3	281-0208-00		.650	CR
65.	4.	100	-500 + 450	Polypropylene	.417	.433	.300	3	281-0205-00	A	.280	CR
65.	5.5	100	-500 + 450	Polypropylene	.417	.433	.395	4	281-0234-00		.620	CR
180.	10.	100	± 250	Polycarbonate	.400	.460	.197	7	281-0253-00		2.880	CR
180.	10.	100	± 250	Polycarbonate	.433	.472	.400	4	281-0256-00	U	2.350	CR

^a Refer to the Resistor & Capacitor section of the Supplement Catalog (#7), under Capacitor, Variable Temperature Characteristic for more information.^b The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

PLASTIC DIELECTRIC (cont)

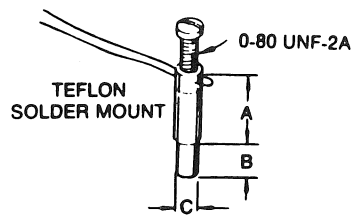


FIGURE 1

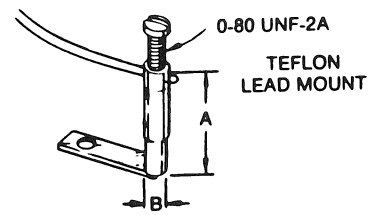


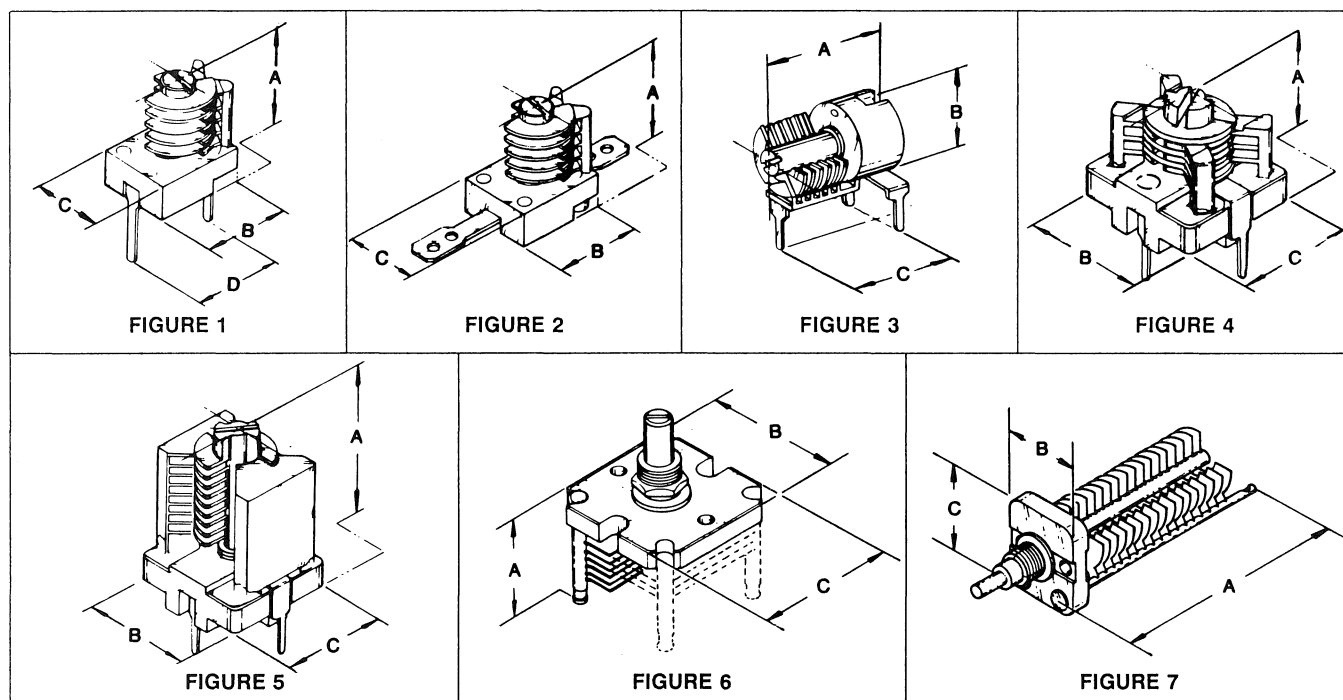
FIGURE 2

Capacitance (pF)		Voltage Rating (VDC)	Temperature Coefficient ^a (ppm/°C)	Maximum Dimensions			Fig	Part Number	Codes ^b		
Maximum	Minimum			A	B	C			ND	Cost	ST
1.2	.3	600	+50 ±50	.220	.120	.138	1	281-0138-00		.670	CR
1.35	.25	600	+50 ±50	.355	.109	.125	1	281-0064-00	U	.490	CR
1.5	.25	600	+50	.520	.161		2	281-0095-00		.970	CR

^a Refer to the Resistor & Capacitor section of the Supplement Catalog (#7), under Capacitor, Variable Temperature Characteristic for more information.

^b The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

AIR

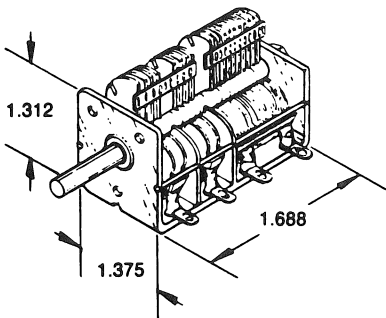


Capacitance (pF)		Voltage Rating (VDC)	Temperature Coefficient ^a (ppm/°C)	Maximum Dimensions				Figure	Part Number	Codes ^b		
Maximum	Minimum			A	B	C	D			ND	Cost	ST
1.2 - 3.5	1.52 - 3.78	375	+45 ± 15	.453	.465	.445		2	281-0098-00			OB
1.2 - 4.2	1.52 - 3.78	375	+45 ± 15	.453	.465	.445	.431	1	281-0076-00		.600	CR
1.3 - 5.4	1.56 - 4.86	125	+30 ± 45	.369	.400	.223		3	281-0209-00		.750	CR
1.3 - 5.4	1.63 - 4.75	250	+45 ± 45	.360	.320	.320	.320	1	281-0168-00		.640	CR
1.3 - 5.4	1.63 - 6.03	375	+45 ± 15	.499	.465	.445	.431	1	281-0077-00		.610	CR
1.3 - 5.4	1.63 - 6.03	375	+45 ± 15	.500	.465	.445		2	281-0099-00		.640	CS
1.3 - 6.7	1.83 - 6.03	425	+45 ± 15	.500	.524	.445		4	281-0114-00		1.260	CR
1.4 - 7.3	1.74 - 8.28	375	+45 ± 15	.547	.465	.445		2	281-0100-00			OB
1.4 - 9.2	1.74 - 8.28	375	+45 ± 15	.547	.465	.445	.431	1	281-0078-00		.638	CR
1.5 - 9.1	1.85 - 10.44	375	+45 ± 15	.594	.465	.445	.431	1	281-0079-00		.650	CR
1.5 - 9.1	1.85 - 10.44	375	+45 ± 15	.594	.465	.445		2	281-0101-00		.493	CS
1.6 - 9.1	2.05 - 10.44	425	+45 ± 15	.594	.524	.445		4	281-0116-00		1.280	CR
1.7 - 11.	2.04 - 9.9	250 Peak	+30 ± 45	.480	.400	.223		3	281-0198-00		.750	CR
1.7 - 11.	2.07 - 12.69	375	+45 ± 15	.640	.465	.445		2	281-0102-00			OB
1.7 - 14.1	2.07 - 12.69	375	+45 ± 15	.640	.465	.445	.431	1	281-0080-00		.660	CR
1.8 - 10.16		75	+45 ± 45	.489	.230	.205		3	281-0248-00		1.820	CR
1.8 - 13.	2.18 - 15.03	375	+45 ± 15	.704	.465	.445	.431	1	281-0081-00		.660	CR
1.8 - 13.	2.18 - 15.03	375	+45 ± 15	.704	.465	.445		2	281-0103-00			OB
1.9 - 15.7	2.28 - 14.13	125	+45 ± 45	.591	.320	.320	.320	1	281-0166-00		.666	CR
2. - 10.	2.04 - 9.9	250 Peak	+45 ± 45	.480	.320	.320	.320	1	281-0153-00		.610	CR
2. - 27.	2.4 - 24.3	325	+50 ± 20	.815	.573	.510	.530	1	281-0111-00		1.480	CR
2.18 - 4.59		1200	+45 ± 15	.750	.524	.445		5	281-0159-00		1.990	CR
2.2 - 34		250	+50 ± 20	.918	.573	.510	.520	1	281-0284-00		1.530	CR
2.4 - 24.5	2.84 - 26.95	250	+40 ± 20	.844	.463	.443	.420	1	281-0131-00		.720	CR
3.5 - 27.		1500		.953	1.375	1.375		6	281-0143-00		21.100	CR
4. - 50.	5.4 - 44.	1500		1.281	1.375	1.375		6	281-0144-00		19.160	CR
7.9 - 41.		1800		2.422	.781	.906		7	281-0197-01		19.090	CR
9. - 75.		2000		3.688	1.375	1.375		6	281-0142-00		18.880	CR

^a Refer to the Resistor & Capacitor section of the Supplement Catalog (#7), under Capacitor, Variable Temperature Characteristic for more information.

^b The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

AIR (cont)



Section	Capacitor Range		Voltage Rating (VDC)	Other	Part Number	Codes ^a		
	Minimum	Maximum				ND	Cost	ST
Front Middle Rear	4. pF 4. pF 10. ± 1. pF	66. ± 4. pF 80. ± 5. pF 410. ± 10. pF	200	With .375 Long Shaft	281-0210-00		8.100	CS
Front Middle Rear	5. ± 1. pF 6. ± 1. pF 11. ± 1. pF	66. ± 4. pF 80 + 8. - 5. pF 416. ± 16. pF	200	With .750 Long Shaft	281-0210-01		13.820	CR

^a The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

GLASS/AIR

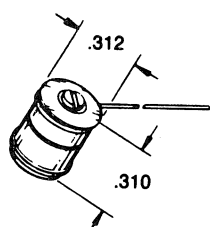


FIGURE 1

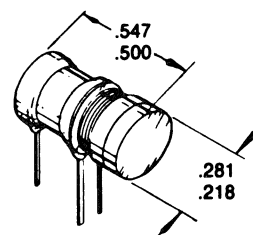


FIGURE 2

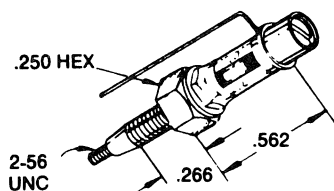


FIGURE 3

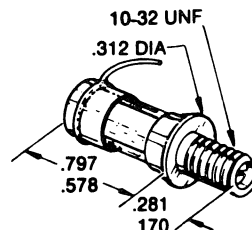


FIGURE 4

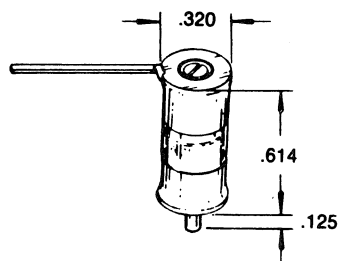


FIGURE 5

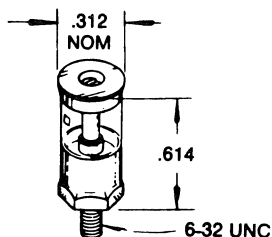


FIGURE 6

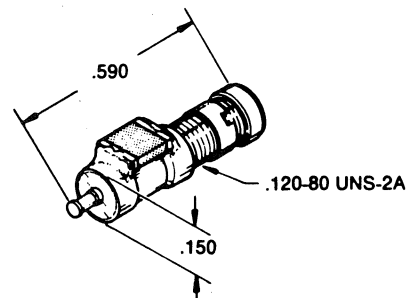


FIGURE 7

Capacitance (pF)		Voltage Rating (VDC)	Temperature Coefficient ^a (ppm/°C)	Other	Figure	Part Number	Codes ^b		
Maximum	Minimum						ND	Cost	ST
4.	1.5	750	±50	Circuit Board Mount	1	281-0177-00	U	9.510	CS
6.	.6	250	±50	Circuit Board Mount, Includes Hex Nut	2	281-0164-00		2.450	CR
6.5	1.	750	±75	Panel Mount, 10-32 Threads	4	281-0241-00		1.030	CS
7.	.65	750	+50	Panel Mount, 8-32 Threads	3	281-0121-00		3.280	CS
8.5	.8	750	±50	Panel Mount, 10-32 Threads	4	281-0105-00		1.520	CR
10.	.8	250	±50	Circuit Board Mount, Includes Hex Nut	2	281-0165-00		1.950	CR
10.	.8	750	±100	Circuit Board Mount	5	281-0152-00		2.950	CR
10.	1.	500	+50 ±100	Stud Mount, 6-32 Threads	6	281-0174-00			OB
11.	7.	500	+50 ±50	Nut Included	7	281-0176-00		12.250	CR

^a Refer to the Resistor & Capacitor section of the Supplement Catalog (#7), under Capacitor, Variable Temperature Characteristic for more information.

^b The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

MICA COMPRESSION

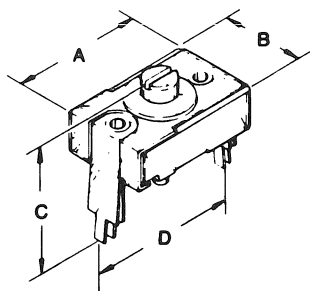


FIGURE 1

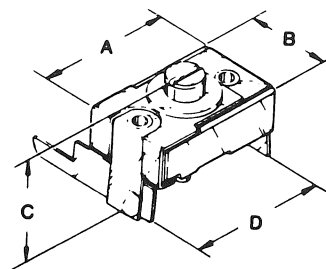


FIGURE 2

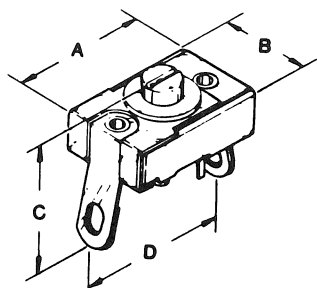


FIGURE 3

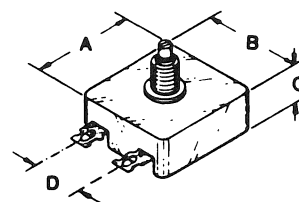


FIGURE 4

Capacitance (pF)		Voltage Rating (VDC)	Temperature Coefficient ^a (ppm/°C)	Maximum Dimensions				Figure	Part Number	Codes ^b		
Maximum	Minimum			A	B	C	D			ND	Cost	ST
90.	12.	175	+365	.547	.391	.719	.719	1	281-0118-00		.840	CR
100.	18.	175		.547	.391	.562	.594	2	281-0180-00		1.403	CR
180.	9.	175		.766	.641	.781	.938	3	281-0023-00		.390	CR
280.	45.	175		.766	.641	.781		3	281-0275-00		.510	CR
340.	65.	250		.969	.906	.359	.437	4	281-0141-00		.932	CR
400.	115.	175	+365	.766	.391	.812	.875 Nom	1	281-0125-00		.710	CR
480.	80.	175	+330	.760	.641	.781	.938	3	281-0044-00		.530	CS

^a Refer to the Resistor & Capacitor section of the Supplement Catalog (#7), under Capacitor, Variable Temperature Characteristic for more information.

^b The nominal price (at time of printing) is listed in the cost column. For ND Codes (New Design Recommendations) and Status Codes, see tab marked CODES in the back of this catalog.

CROSS REFERENCE INDEX

Part Number	Page Number	Part Number	Page Number	Part Number	Page Number
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281-0023-00	15-11	281-0180-00	15-11	281-0304-00	15-4
281-0027-00	15-6	281-0182-00	15-6	281-0305-00	15-3
281-0044-00	15-11	281-0182-01	15-6	281-0306-00	15-3
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281-0063-00	15-2	281-0197-01	15-8	281-0318-00	15-6
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281-0077-00	15-8	281-0201-00	15-3	281-5006-00	15-3
281-0078-00	15-8	281-0202-00	15-6		
281-0079-00	15-8	281-0203-00	15-6		
281-0080-00	15-8	281-0204-00	15-6		
281-0081-00	15-8	281-0205-00	15-6		
281-0089-00	15-2	281-0206-00	15-6		
281-0091-00	15-2	281-0207-00	15-6		
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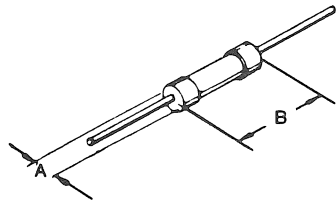


FIGURE 1

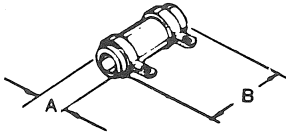


FIGURE 2

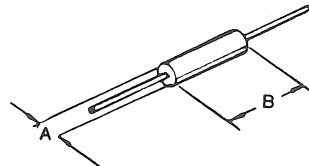


FIGURE 3

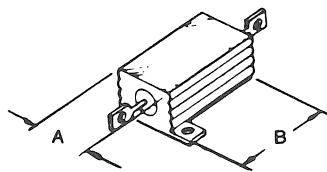


FIGURE 4

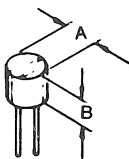


FIGURE 5

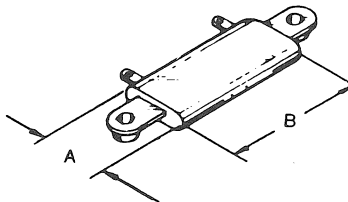


FIGURE 6

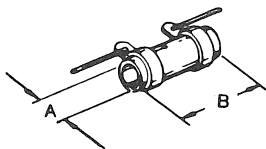


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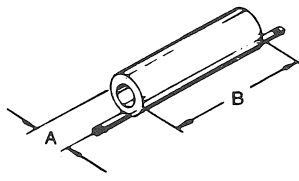


FIGURE 8

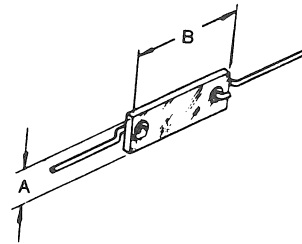


FIGURE 9

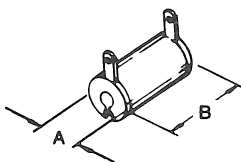


FIGURE 10

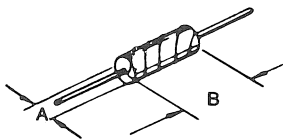


FIGURE 11

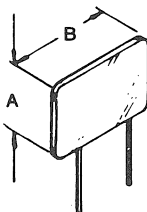


FIGURE 12

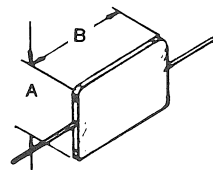


FIGURE 13

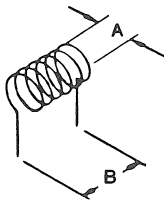


FIGURE 14

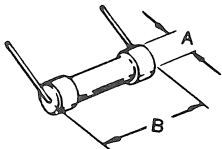


FIGURE 15

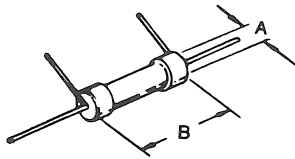


FIGURE 16

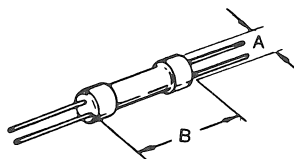


FIGURE 17

PANEL MOUNT ILLUSTRATIONS

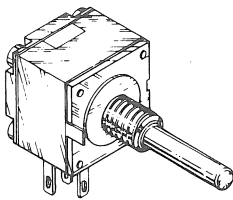


FIGURE 1

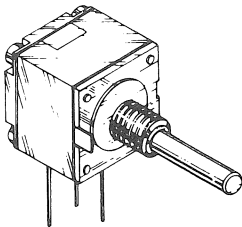


FIGURE 2

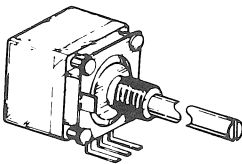


FIGURE 2A

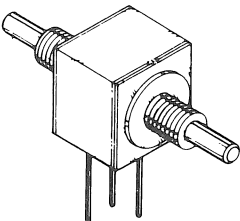


FIGURE 2B

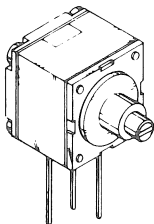


FIGURE 3

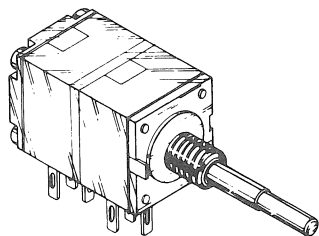


FIGURE 4

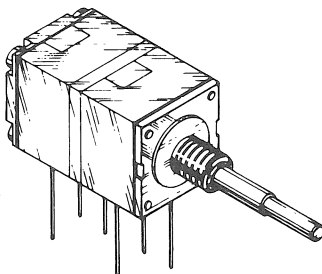


FIGURE 5

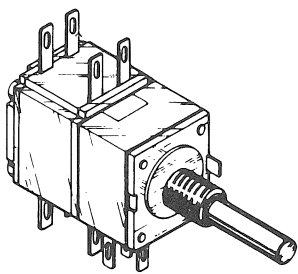


FIGURE 6

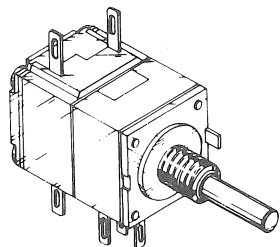


FIGURE 7

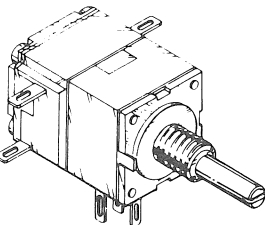


FIGURE 7A

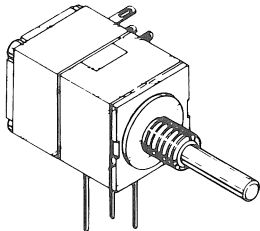


FIGURE 8

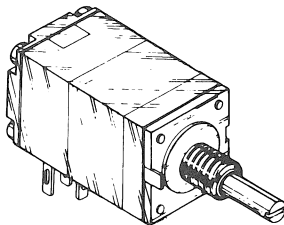


FIGURE 8A

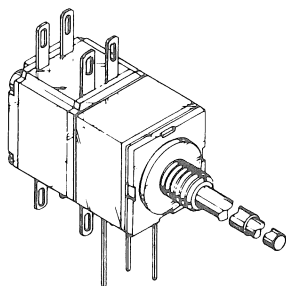


FIGURE 9

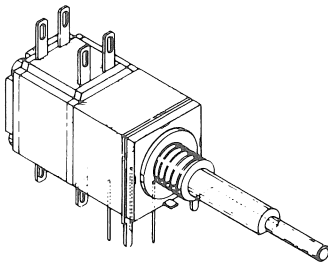


FIGURE 9A

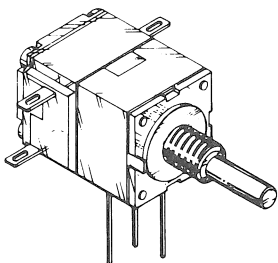


FIGURE 10

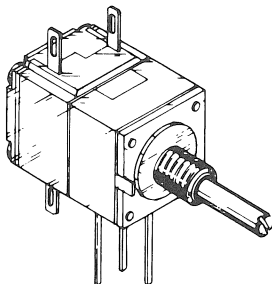


FIGURE 10A

PANEL MOUNT ILLUSTRATIONS

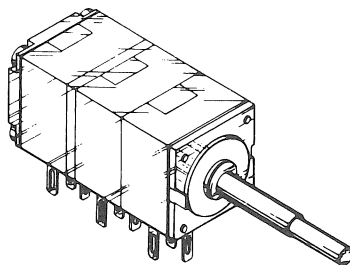


FIGURE 11

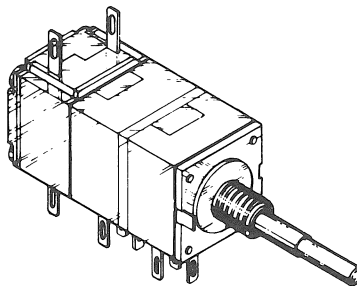


FIGURE 12

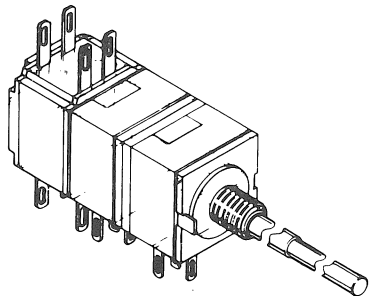


FIGURE 13

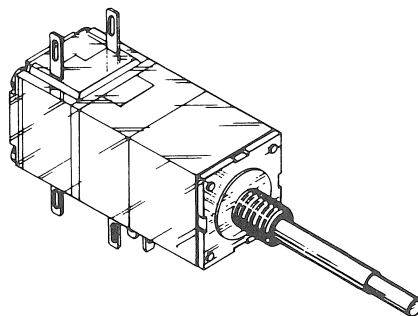


FIGURE 14

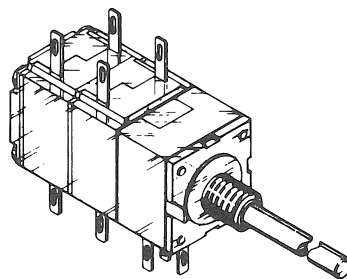


FIGURE 15

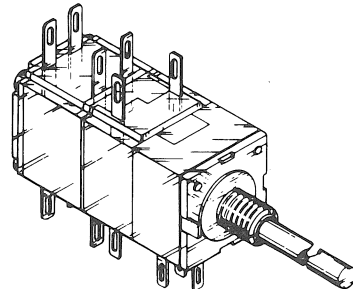


FIGURE 16

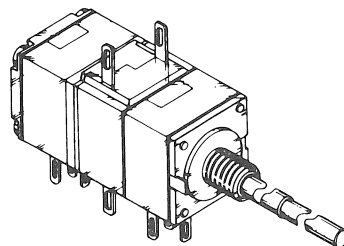


FIGURE 17

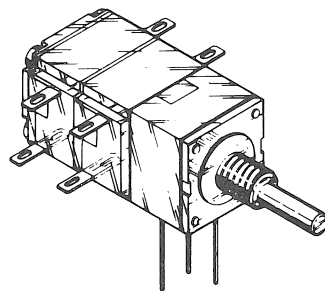


FIGURE 18

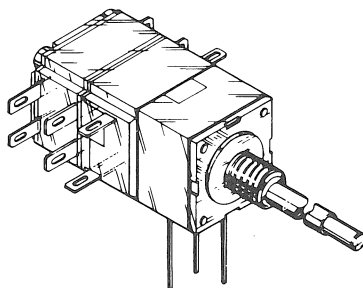


FIGURE 19

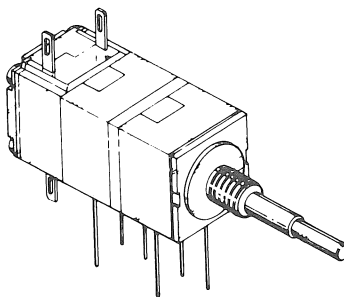


FIGURE 20

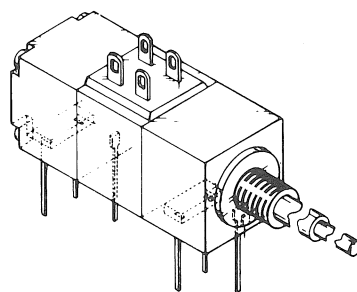


FIGURE 21

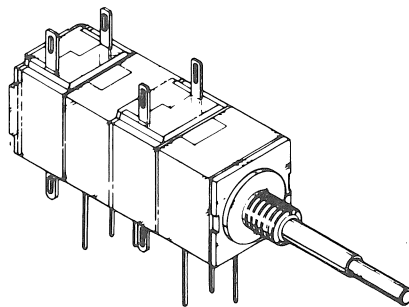


FIGURE 22

PANEL MOUNT ILLUSTRATIONS

PANEL MOUNT ILLUSTRATIONS

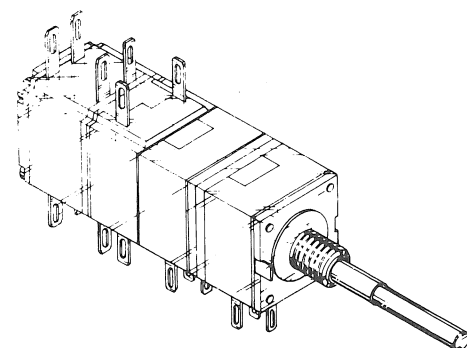


FIGURE 23

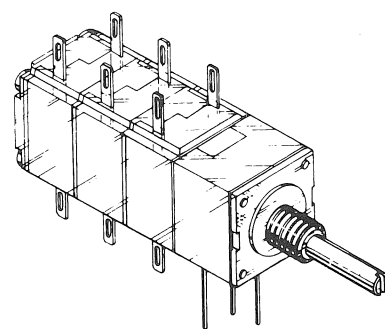


FIGURE 24

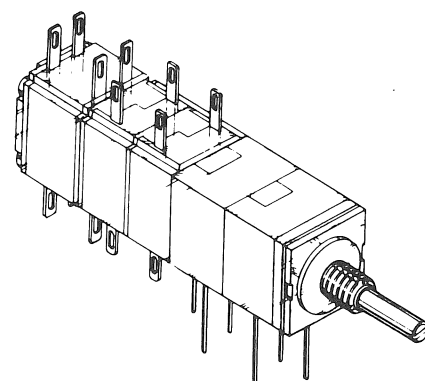


FIGURE 25

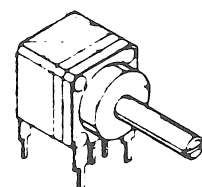


FIGURE 26

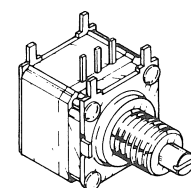


FIGURE 26A

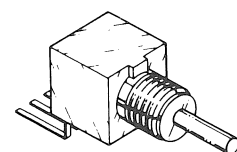


FIGURE 26B

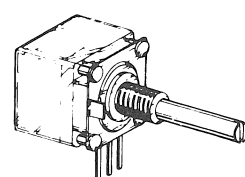


FIGURE 27

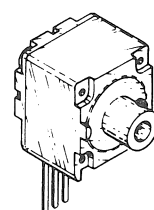


FIGURE 27A

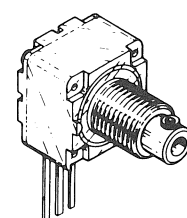


FIGURE 27B

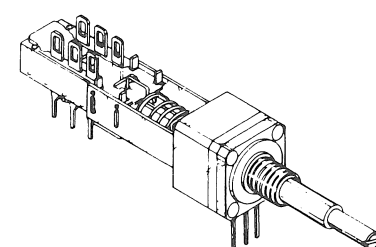


FIGURE 27C

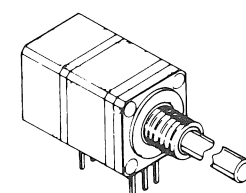


FIGURE 28

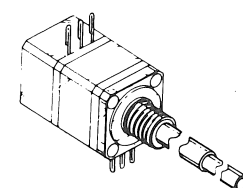


FIGURE 28A

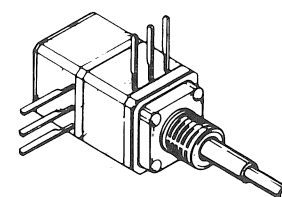


FIGURE 29

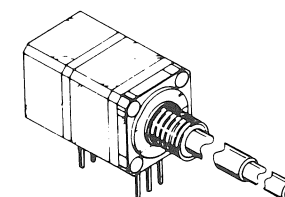


FIGURE 30

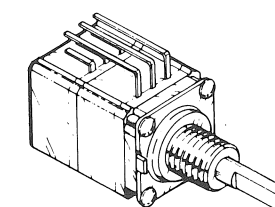


FIGURE 30A

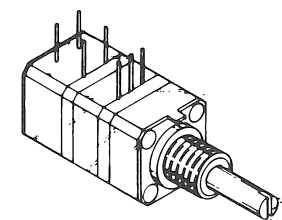


FIGURE 31

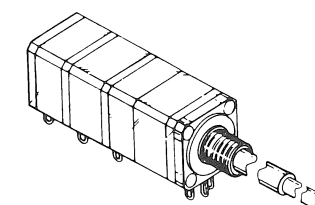


FIGURE 31A

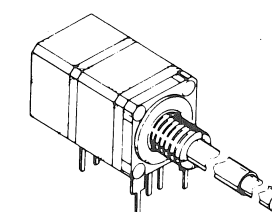


FIGURE 32

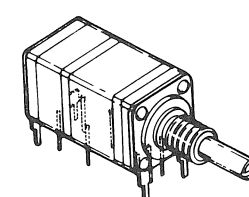


FIGURE 33

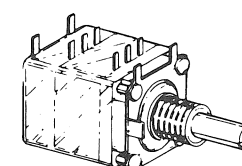


FIGURE 33A

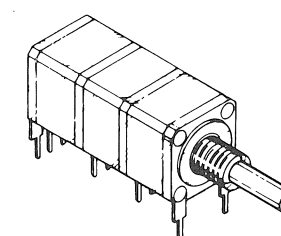


FIGURE 34

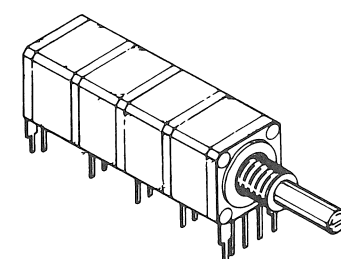


FIGURE 34A

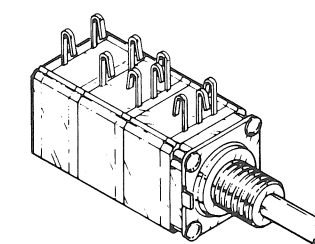


FIGURE 34B

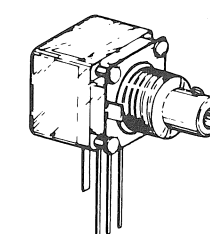
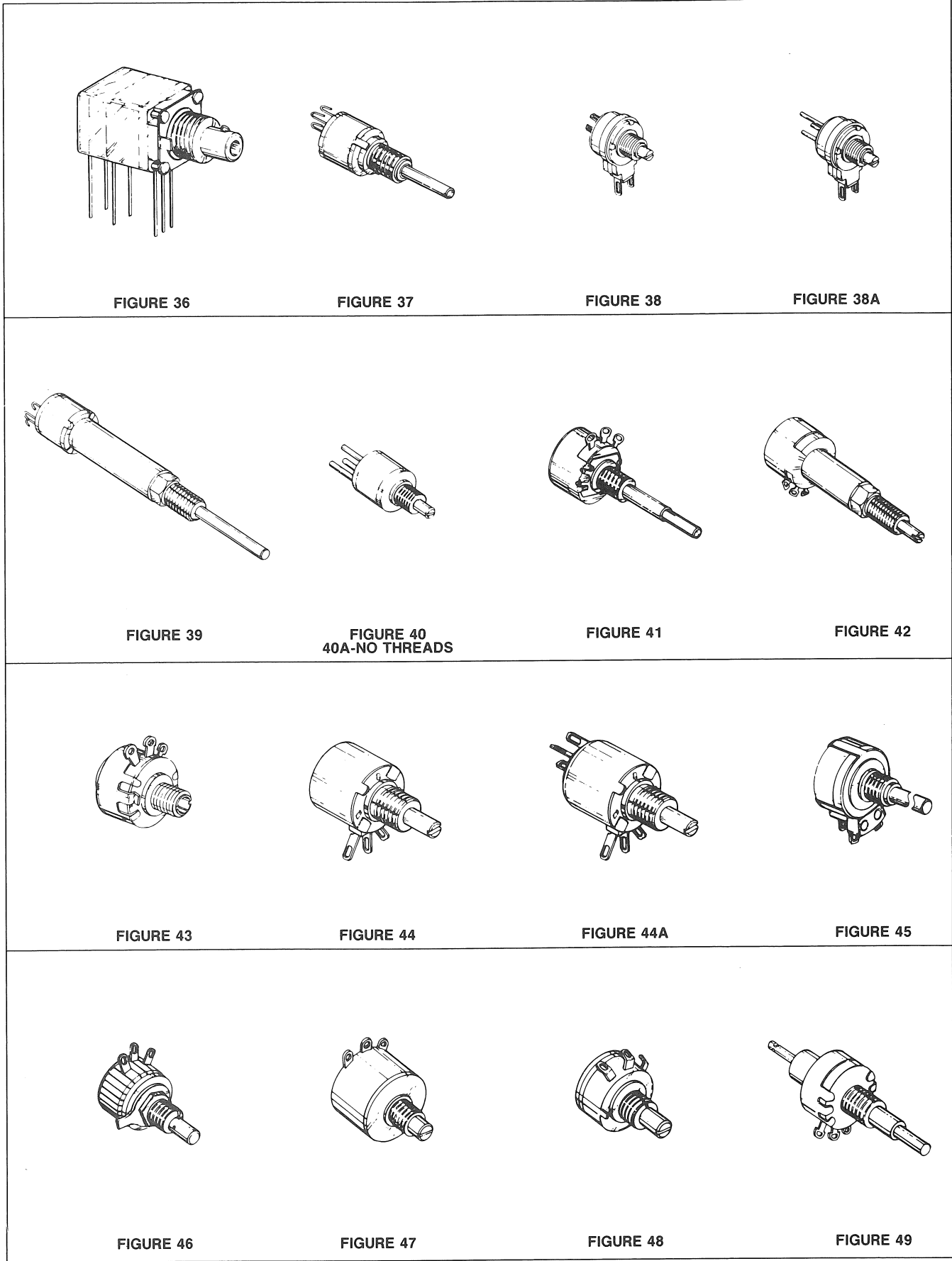
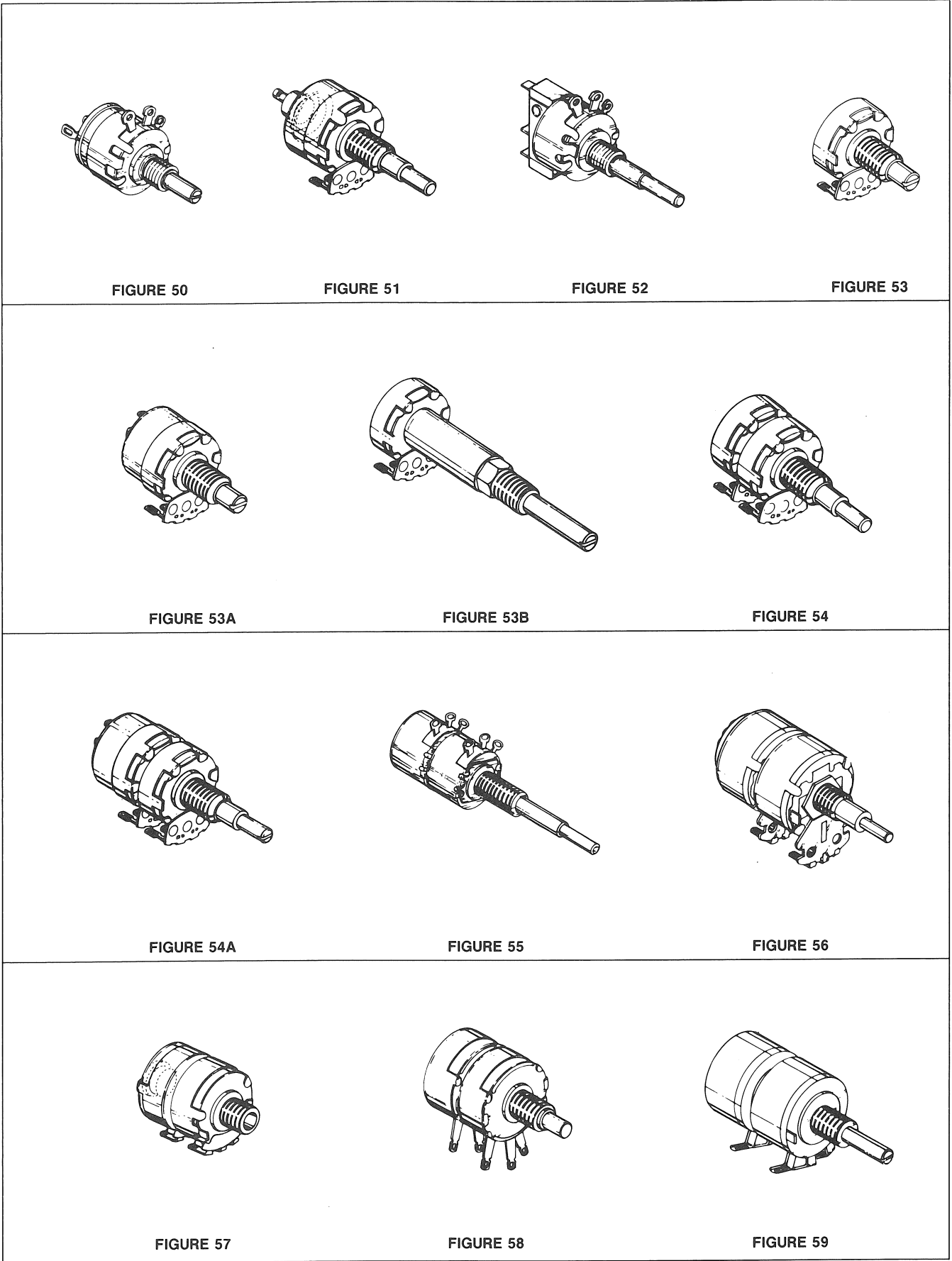


FIGURE 35

PANEL MOUNT ILLUSTRATIONS



PANEL MOUNT ILLUSTRATIONS



PANEL MOUNT ILLUSTRATIONS

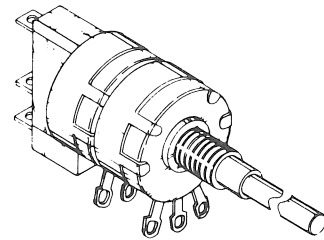


FIGURE 60

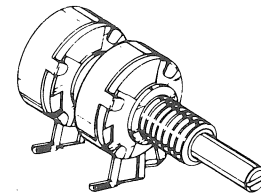


FIGURE 61

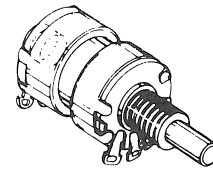


FIGURE 62

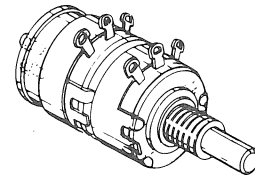


FIGURE 63

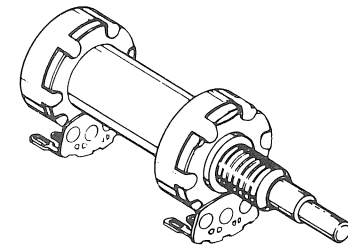


FIGURE 64

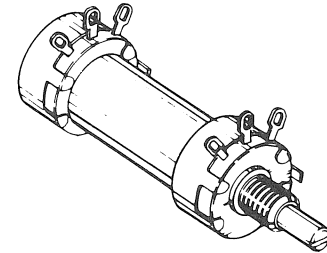


FIGURE 65

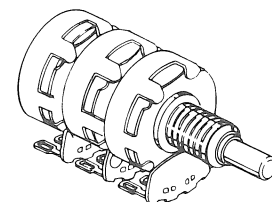


FIGURE 66

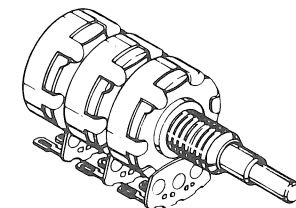


FIGURE 67

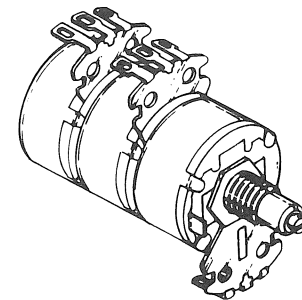


FIGURE 68

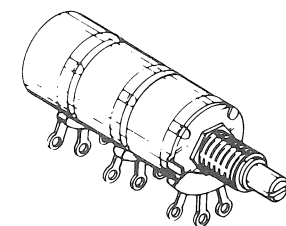


FIGURE 69

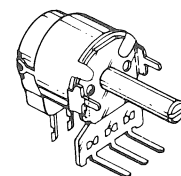


FIGURE 70

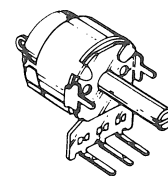


FIGURE 71

PANEL MOUNT ILLUSTRATIONS

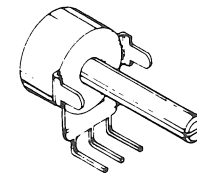


FIGURE 72

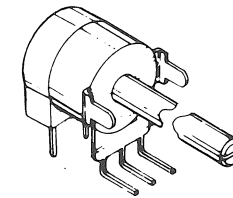


FIGURE 73

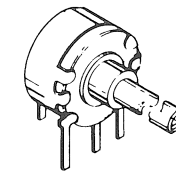


FIGURE 74

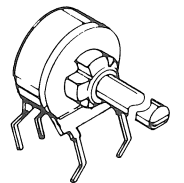


FIGURE 75

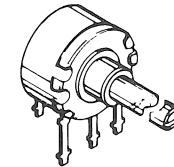


FIGURE 76

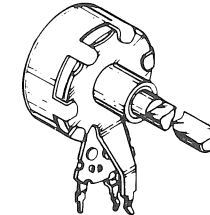


FIGURE 77

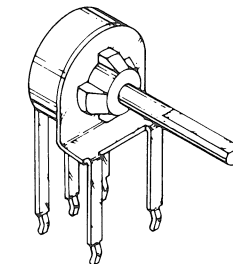


FIGURE 78

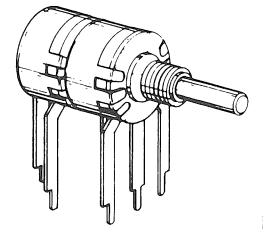


FIGURE 79

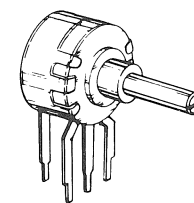


FIGURE 80

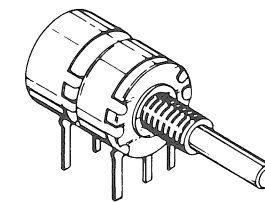


FIGURE 81

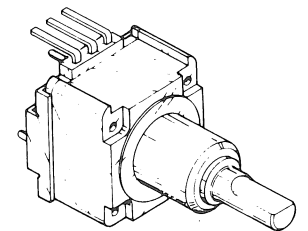


FIGURE 82

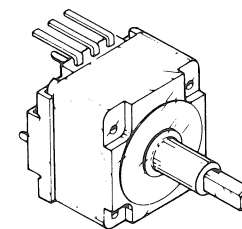


FIGURE 82A

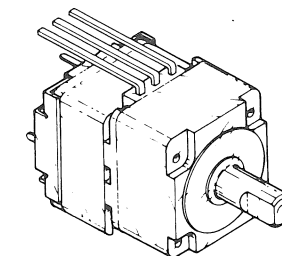


FIGURE 83

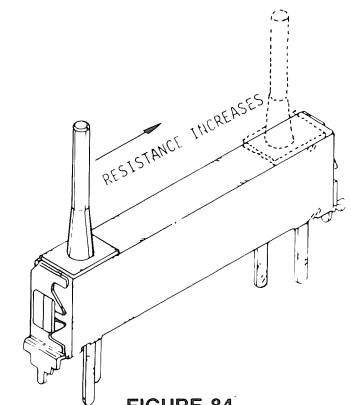


FIGURE 84

PANEL MOUNT ILLUSTRATIONS

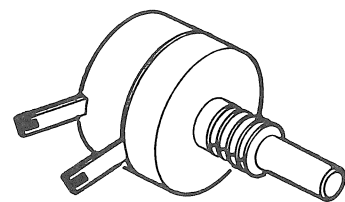


FIGURE 85

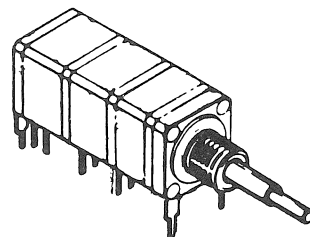


FIGURE 86

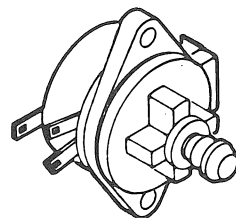


FIGURE 87



FIGURE 88

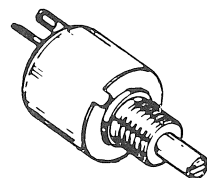


FIGURE 89

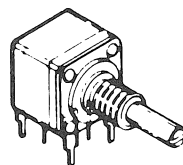


FIGURE 90

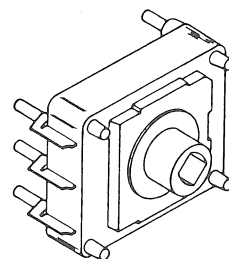


FIGURE 91

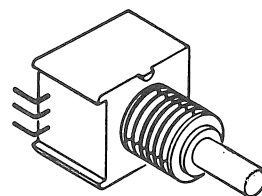


FIGURE 92

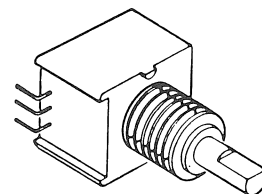


FIGURE 93

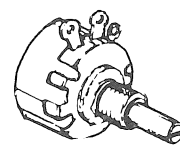


FIGURE 94

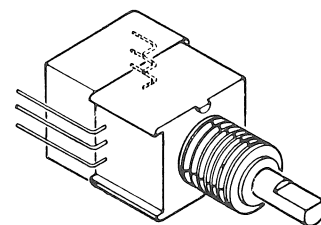


FIGURE 95

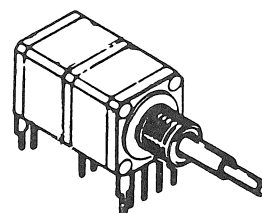


FIGURE 96

PANEL MOUNT ILLUSTRATIONS

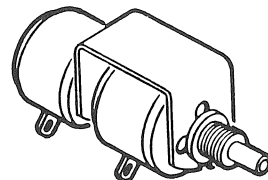


FIGURE 97

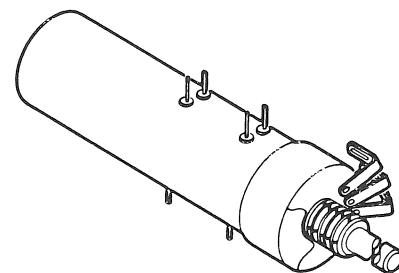


FIGURE 98

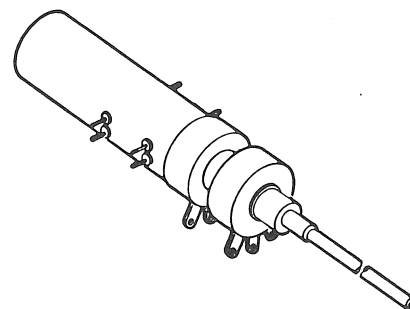


FIGURE 99

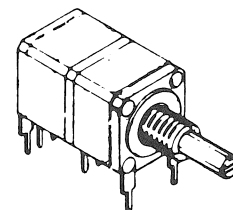


FIGURE 100

PRECISION PANEL MOUNT

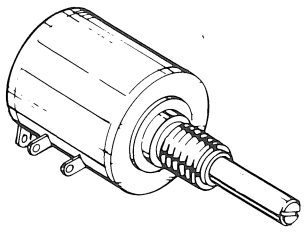


FIGURE 1

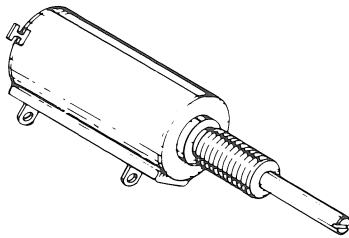


FIGURE 2

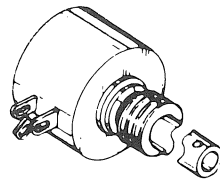


FIGURE 3

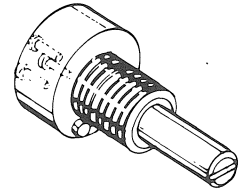


FIGURE 4

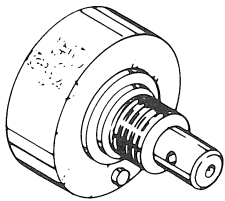


FIGURE 5

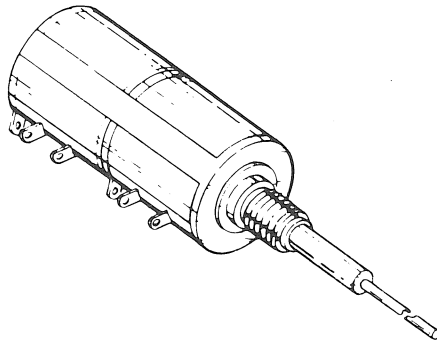


FIGURE 6

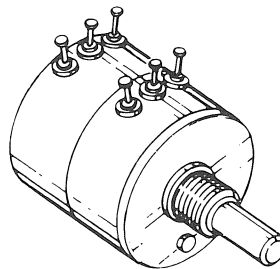


FIGURE 7

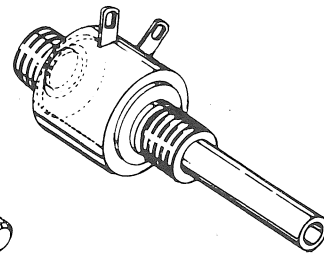


FIGURE 8

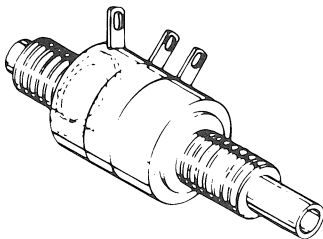


FIGURE 9

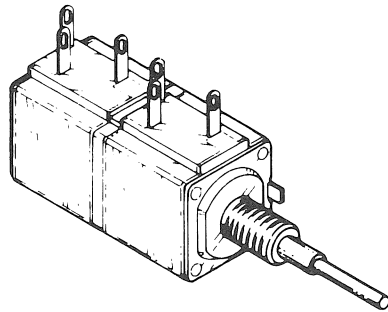


FIGURE 10

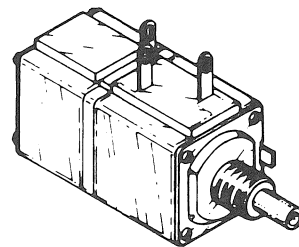


FIGURE 11

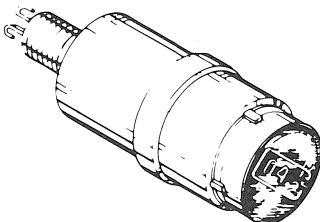


FIGURE 12

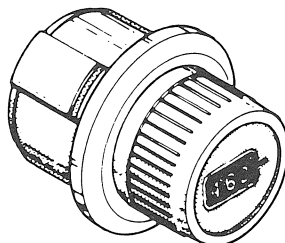


FIGURE 13

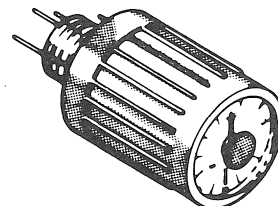
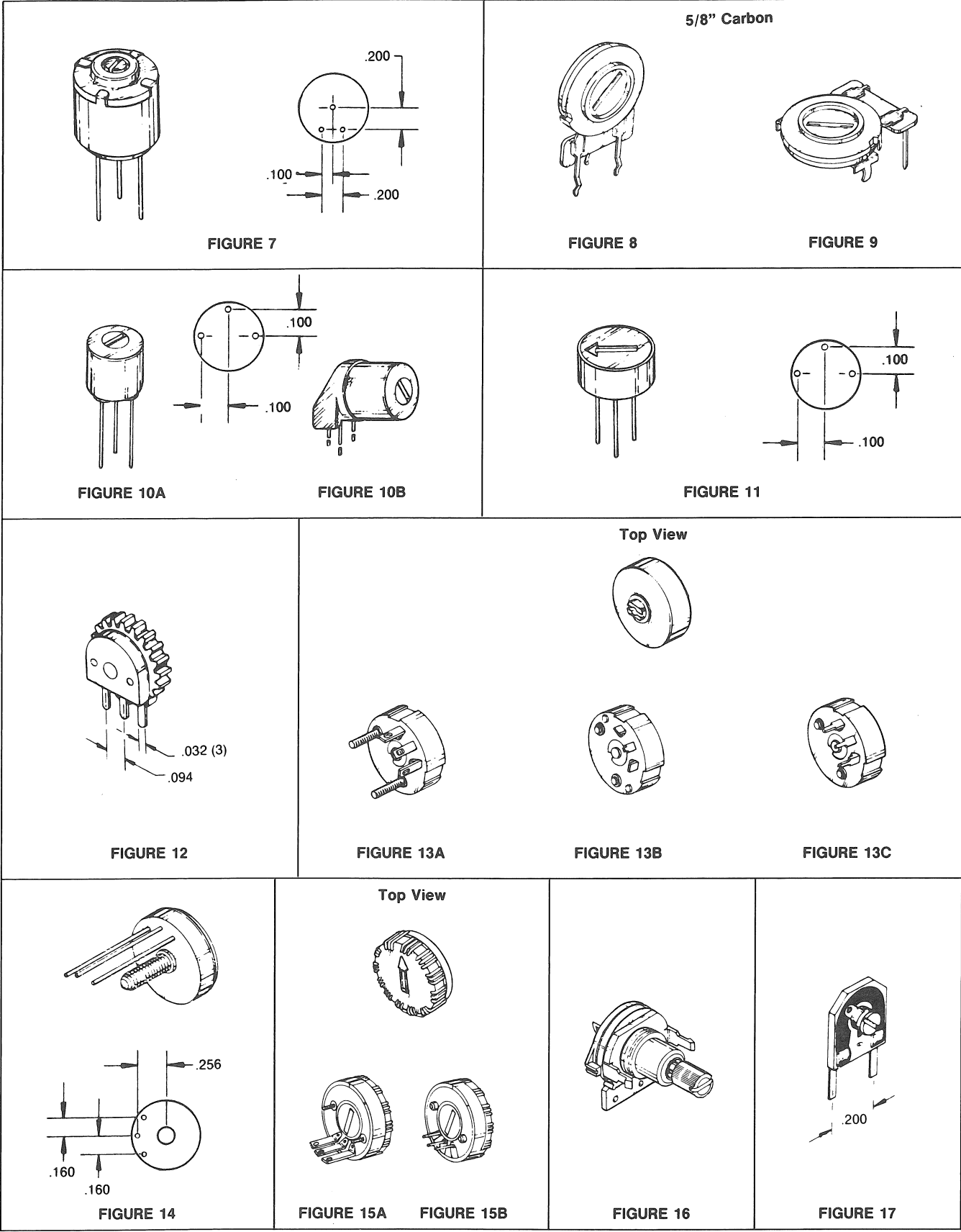
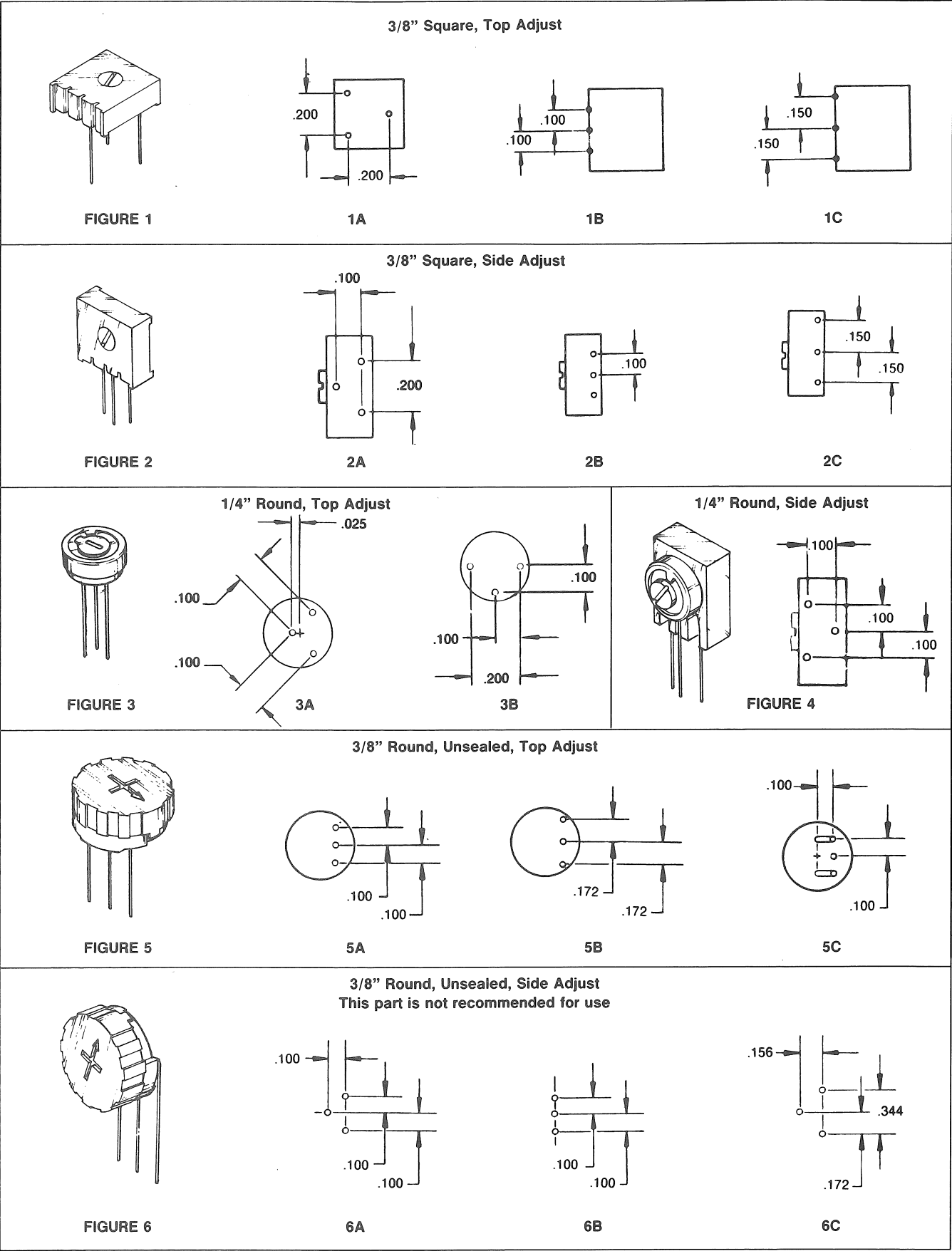


FIGURE 14

TRIMMER

TRIMMER



TRIMMER

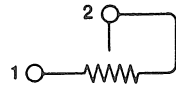
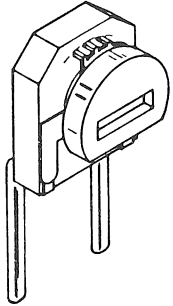


FIGURE 18

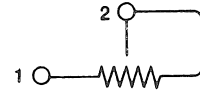
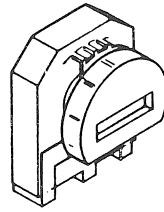
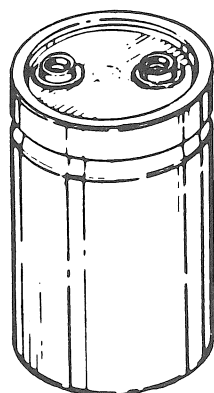


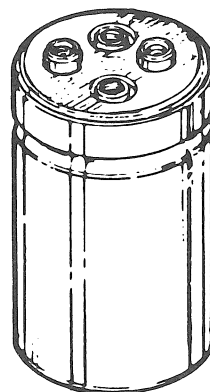
FIGURE 19

ELECTROLYTIC, ALUMINUM

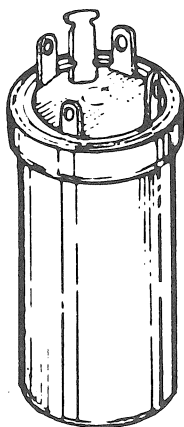
SECTION 13 ALUMINUM ELECTROLYTIC
TYPE ILLUSTRATIONS



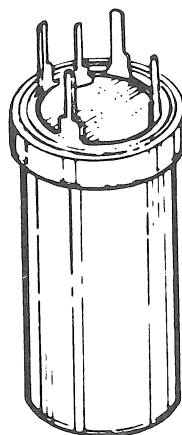
2 SCREW-INSERT
TYPE 1



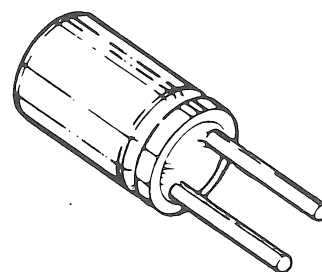
4 SCREW-INSERT
TYPE 2



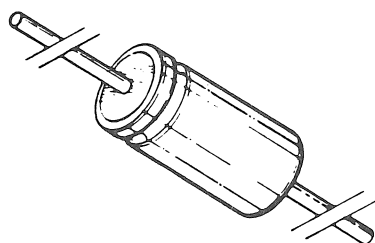
TWIST MOUNT
TYPE 3



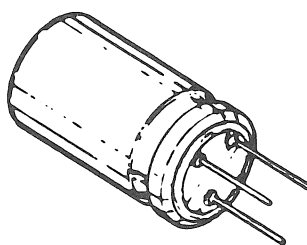
PRINTED CIRCUIT MOUNT
TYPE 4



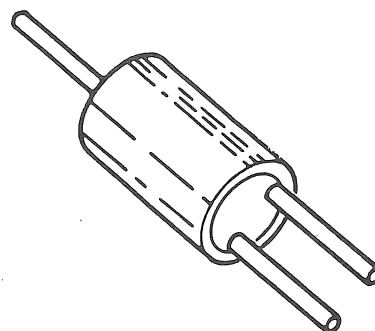
SINGLE ENDED RADIAL LEAD^a
TYPE 5



DOUBLE ENDED AXIAL LEAD
TYPE 6



SINGLE ENDED TRIPLE LEAD
TYPE 7



DOUBLE ENDED TRIPLE LEAD
TYPE 8

^a For Lead Spacing, see Page 13-12.

STATUS CODES
FOR PARTS AND PRODUCTS

The status in this catalog was correct at the time it was published.

CM	Custom Mod:	<div>1. An instrument modified to meet customer specifications.</div> <div>2. A component used exclusively in a custom modified instrument.</div>
CR	Current Production:	<div>1. A finished product, which has "turned regular" and is currently being produced.</div> <div>2. A component currently being purchased or produced for use on a current production finished product.</div>
CS ^a	Customer Service:	A replacement item, not used in a current production instrument, supported by Customer Service and either stocked in Customer Service, built or supplied for them on demand.
DL ^a	Deleted:	An item that is no longer produced or purchased and which has no replacement.
EN ^a	Engineering:	An item used exclusively be Engineering which is not being used on a finished product (A part in the design or evaluation stage). The item may be picked up for use in a future product.
IN	International:	An item purchased or produced by Guernsey or Heerenveen for use exclusively in their production.
LR	Last Supply Current:	Last supply of current status material. No more parts will be purchased after these are gone.
LS	Last Supply Customer Service:	Last supply of Customer Service material. No more parts will be purchased after these are gone.
MP	Modified Pre-Prod:	An item set up due to a modification. Establilshed through the use of a Engineering Change Order.
NP ^a	Non-Production:	An item which is no longer produced or purchased and which has a replacement.
OB ^a	Obsolete:	<div>1. A component which has matured through the Long Term Product Support Program. The usage has been out of production for 12 years (sometimes less, if accelerated). The item may continue to be supported through Obsolete Parts Notice 126.</div> <div>2. An instrument which is no longer produced and which has completed the instrument phase-out program.</div>
OT ^a	Obsolescent:	A component used exclusively in an instrument which will go out of production within one year (as determined by the Corporate Phase-Out Committee).
PP	Pre-Production:	<div>1. A finished product prior to "turn regular".</div> <div>2. A component used on an instrument not yet in current production, or a component going into a current product via an IRS (mod).</div>
SC	Sony/Tek Current Production:	An item purchased or produced by Sony/Tek for use exclusively in Sony/Tek production.
TC	Telequipment Current Production:	An item purchased or produced by Telequipment for use exclusively in Telequipment production.

^a To use a part with this status on a new instrument, contact Item Data Group, 627-2615, 78-608 for the proper procedure and group contacts.

ND CODES
(New Design Recommendation Codes)

The following is a list of the ND Codes used in this Catalog and their definition per Component Engineering.

A	Approved:	The parts listed as APPROVED are currently available in the industry and the long term support by the vendors looks good. Component Engineering has looked at the part and found no major problems.
N	Not Recommended for New Design:	The parts listed as NOT RECOMMENDED FOR NEW DESIGN are parts which have some sort of problem. They may be built in an old technology or there may be a new better and more cost effective part available. The Component Engineer should be contacted about such parts if a real need arises. In some cases these parts may be the best or only choice for certain applications.
P	Preferred	The parts listed as PREFERRED are recommended over the Approved parts.
U	Undefined	The parts listed as UNDEFINED are not defined yet.
X	Do Not Use:	The parts listed as DO NOT USE are parts which have been found to have major problems. Some examples of these problems are availability, quality, technology, or may be parts which are in the last time buy status. Parts which are being discontinued will also fall into this category. Component Engineering have looked at these parts and found the problems or have been notified of the problems from outside sources.

User Feedback

The Common Design Parts Catalog group is trying to improve the cost effectiveness and usefulness of the catalog to the customer. In order to do this, the catalogs are continually being reviewed and changes made. If you have a recommendation to improve the catalogs and also make them more cost effective, please let us know. Also if you detect any errors, please notify us so that we may correct them at the next printing.

Your Name _____ Address _____ Phone _____

ERRORS, OMISSIONS, SUGGESTIONS:

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LISTED BELOW ARE THE NAMES AND MOST RECENT DATES OF OUR EIGHT CATALOGS. IF YOU NEED ONE OF THESE CATALOGS, PLEASE INDICATE WHICH CATALOG WITH A CHECKMARK. THE CATALOG PRICE WILL BE \$45.00 EACH.

_____ Integrated Circuits (Jul-88)

_____ Resistor/Capacitor (Mar-89)

_____ Mechanical (Nov-88)

_____ Wire, Insulation & Power
Supplies (May-88)

_____ Materials (Aug-87)

_____ Transistors, Diodes & Misc. (May-88)

_____ Electro-Mechanical (Jan-89)

_____ Supplemental Catalog (Oct-84)

If you have any questions, call Carole on 629-3029.

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Integrated Circuits (Jan-82)

Resistor/Capacitor (Jan-82)

Mechanics (Mar-82)

Wire, Insulation & Power

Supplies (May-82)

Materials (Aug-82)

Transportation (Oct-82)

Electro-Mechanics (Jan-83)

Supplies in Catalog (Oct-82)

If you have any questions, call (325) 325-325.

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